

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF121319\
 Data File : BF118179.D
 Acq On : 13 Dec 2019 11:53
 Operator : JU
 Sample : PB125387BS
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Dec 13 17:31:04 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF120619.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 06 17:34:43 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.87	152	115726	20.00	ng	0.00
21) Naphthalene-d8	8.16	136	474449	20.00	ng	0.00
39) Acenaphthene-d10	9.92	164	255675	20.00	ng	0.00
64) Phenanthrene-d10	11.41	188	478530	20.00	ng	0.00
76) Chrysene-d12	14.07	240	339238	20.00	ng	0.00
87) Perylene-d12	15.56	264	299873	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.50	112	706054	106.86	ng	0.02
7) Phenol-d6	6.50	99	850707	106.45	ng	0.00
23) Nitrobenzene-d5	7.44	82	581099	68.90	ng	0.00
42) 2,4,6-Tribromophenol	10.72	330	317243	102.14	ng	0.00
45) 2-Fluorobiphenyl	9.23	172	1221070	72.67	ng	0.00
79) Terphenyl-d14	13.00	244	1463000	74.16	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.73	88	108180	38.830	ng	98
3) Pyridine	3.49	79	255155	35.498	ng	99
4) n-Nitrosodimethylamine	3.44	42	126784	41.001	ng	99
6) Aniline	6.53	93	308722	30.199	ng	99
8) 2-Chlorophenol	6.66	128	313566	42.087	ng	97
9) Benzaldehyde	6.42	77	213246	58.769	ng	99
10) Phenol	6.52	94	369356	40.526	ng	94
11) bis(2-Chloroethyl)ether	6.60	93	271121	41.130	ng	97
12) 1,3-Dichlorobenzene	6.81	146	345859	39.739	ng	98
13) 1,4-Dichlorobenzene	6.89	146	353317	40.315	ng	98
14) 1,2-Dichlorobenzene	7.04	146	334734	40.671	ng	96
15) Benzyl Alcohol	7.02	79	260682	41.786	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.15	45	313681	39.578	ng	99
17) 2-Methylphenol	7.13	107	248408	41.921	ng	99
18) Hexachloroethane	7.38	117	127271	39.411	ng	95
19) n-Nitroso-di-n-propylamine	7.28	70	206120	42.444	ng	96
20) 3+4-Methylphenols	7.28	107	311186	41.808	ng	98
22) Acetophenone	7.28	105	425217	37.305	ng	# 98
24) Nitrobenzene	7.46	77	314893	38.004	ng	96
25) Isophorone	7.69	82	560187	39.183	ng	98
26) 2-Nitrophenol	7.77	139	175352	39.595	ng	99
27) 2,4-Dimethylphenol	7.81	122	267543	45.290	ng	98
28) bis(2-Chloroethoxy)methane	7.90	93	343546	36.775	ng	99
29) 2,4-Dichlorophenol	8.02	162	268458	38.982	ng	98
30) 1,2,4-Trichlorobenzene	8.10	180	302123	37.540	ng	98
31) Naphthalene	8.18	128	933772	39.188	ng	100
32) Benzoic acid	7.94	122	192312	36.055	ng	97
33) 4-Chloroaniline	8.23	127	170571	16.579	ng	96
34) Hexachlorobutadiene	8.29	225	174960	36.253	ng	99
35) Caprolactam	8.60	113	55166	25.976	ng	98
36) 4-Chloro-3-methylphenol	8.72	107	282514	38.983	ng	100
37) 2-Methylnaphthalene	8.87	142	642080	39.803	ng	100
38) 1-Methylnaphthalene	8.97	142	609375	40.232	ng	99
40) 1,2,4,5-Tetrachlorobenzene	9.04	216	281135	36.297	ng	98

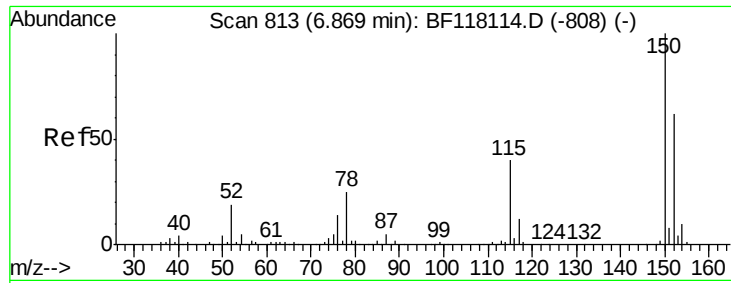
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF121319\
 Data File : BF118179.D
 Acq On : 13 Dec 2019 11:53
 Operator : JU
 Sample : PB125387BS
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Dec 13 17:31:04 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF120619.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 06 17:34:43 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	9.03	237	318668	91.828	ng	99
43) 2,4,6-Trichlorophenol	9.15	196	196371	37.972	ng	98
44) 2,4,5-Trichlorophenol	9.20	196	209711	39.141	ng	94
46) 1,1'-Biphenyl	9.34	154	770049	38.188	ng	99
47) 2-Chloronaphthalene	9.36	162	600319	37.009	ng	97
48) 2-Nitroaniline	9.46	65	166106	35.909	ng	96
49) Acenaphthylene	9.78	152	951179	39.758	ng	99
50) Dimethylphthalate	9.64	163	701250	37.132	ng	99
51) 2,6-Dinitrotoluene	9.70	165	154964	37.736	ng	98
52) Acenaphthene	9.95	154	545969	37.388	ng	97
53) 3-Nitroaniline	9.87	138	102027	21.112	ng	96
54) 2,4-Dinitrophenol	9.99	184	153511	75.139	ng	98
55) Dibenzofuran	10.13	168	834752	39.013	ng	99
56) 4-Nitrophenol	10.05	139	247915	73.920	ng	97
57) 2,4-Dinitrotoluene	10.11	165	213670	38.983	ng	96
58) Fluorene	10.47	166	663860	39.041	ng	98
59) 2,3,4,6-Tetrachlorophenol	10.25	232	175695	39.748	ng	98
60) Diethylphthalate	10.34	149	716108	38.486	ng	99
61) 4-Chlorophenyl-phenylether	10.46	204	326387	38.149	ng	96
62) 4-Nitroaniline	10.49	138	157303	31.209	ng	99
63) Azobenzene	10.62	77	617541	38.878	ng	97
65) 4,6-Dinitro-2-methylphenol	10.52	198	109319	41.366	ng	93
66) n-Nitrosodiphenylamine	10.58	169	580436	38.842	ng	99
67) 4-Bromophenyl-phenylether	10.95	248	203818	37.312	ng	# 90
68) Hexachlorobenzene	11.02	284	236043	36.713	ng	99
69) Atrazine	11.11	200	201587	54.733	ng	98
70) Pentachlorophenol	11.22	266	251419	83.152	ng	99
71) Phenanthrene	11.44	178	989107	38.883	ng	99
72) Anthracene	11.49	178	1022020	40.274	ng	100
73) Carbazole	11.65	167	861622	37.843	ng	99
74) Di-n-butylphthalate	11.97	149	1137744	39.928	ng	99
75) Fluoranthene	12.63	202	1015329	39.039	ng	99
77) Benzidine	12.75	184	331758	37.149	ng	98
78) Pyrene	12.86	202	1028893	38.487	ng	99
80) Butylbenzylphthalate	13.47	149	476191	39.331	ng	98
81) Benzo(a)anthracene	14.06	228	892323	38.040	ng	99
82) 3,3'-Dichlorobenzidine	14.02	252	225510	29.272	ng	98
83) Chrysene	14.09	228	846956	37.799	ng	100
84) Bis(2-ethylhexyl)phthalate	14.03	149	668039	41.845	ng	100
85) Di-n-octyl phthalate	14.65	149	1036374	42.854	ng	100
86) Indeno(1,2,3-cd)pyrene	17.07	276	646925	34.313	ng	100
88) Benzo(b)fluoranthene	15.12	252	733846	37.002	ng	99
89) Benzo(k)fluoranthene	15.15	252	743820	39.040	ng	99
90) Benzo(a)pyrene	15.50	252	638524	36.454	ng	99
91) Dibenzo(a,h)anthracene	17.09	278	543631	36.185	ng	98
92) Benzo(g,h,i)perylene	17.53	276	520082	36.025	ng	99

(#) = qualifier out of range (m) = manual integration (+) = signals summed

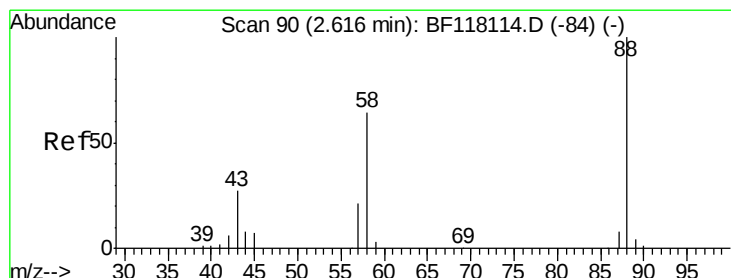
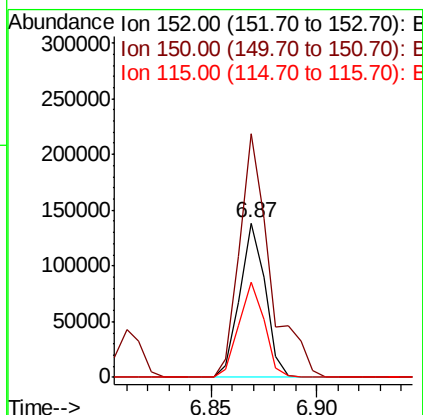
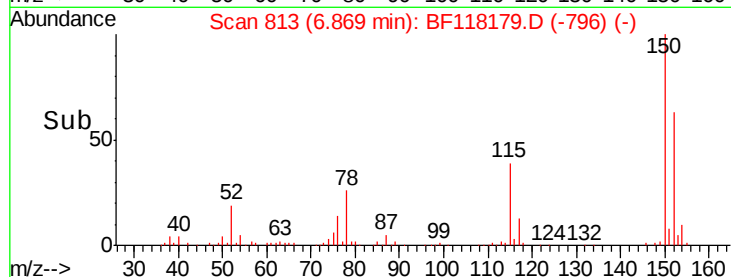
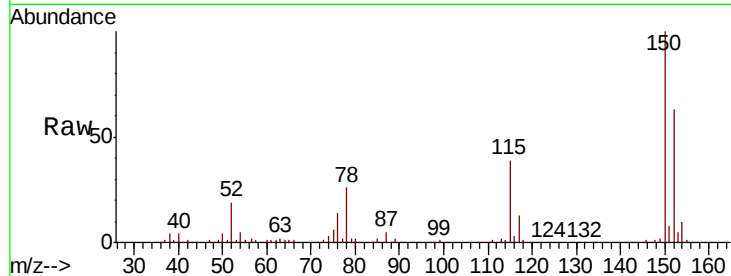


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.87 min Scan# 813
Delta R.T. -0.00 min
Lab File: BF118179.D
Acq: 13 Dec 2019 11:53

Instrument :
BNA_F
ClientSampled :

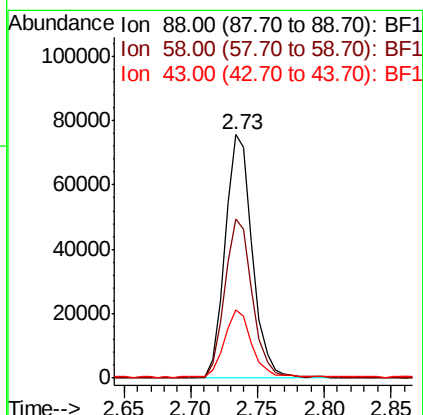
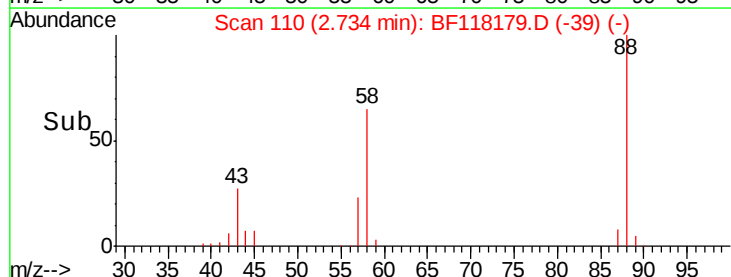
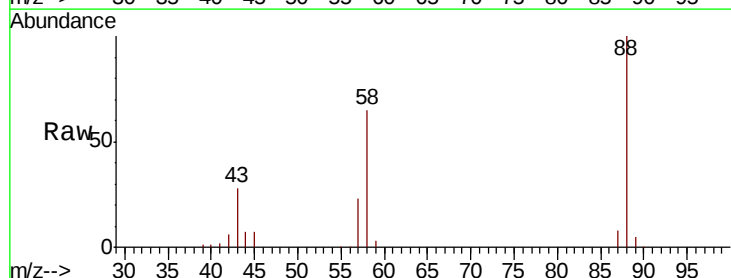
Tot Ion:152 Resp: 115726
Ion Ratio Lower Upper
152 100
150 158.0 128.3 192.5
115 62.0 51.1 76.7

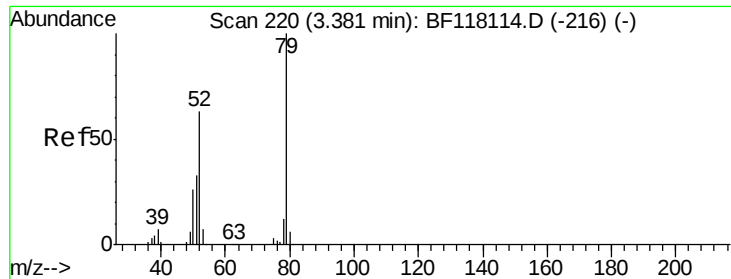


#2

1,4-Dioxane
Concen: 38.830 ng
RT: 2.73 min Scan# 110
Delta R.T. 0.12 min
Lab File: BF118179.D
Acq: 13 Dec 2019 11:53

Tgt Ion: 88 Resp: 108180
Ion Ratio Lower Upper
88 100
58 66.1 52.2 78.4
43 29.9 21.4 32.2





#3

Pvridine

Concen: 35.498 ng

RT: 3.49 min Scan# 239

Delta R.T. 0.11 min

Lab File: BF118179.D

Acq: 13 Dec 2019 11:53

Instrument :

BNA_F

ClientSampleId :

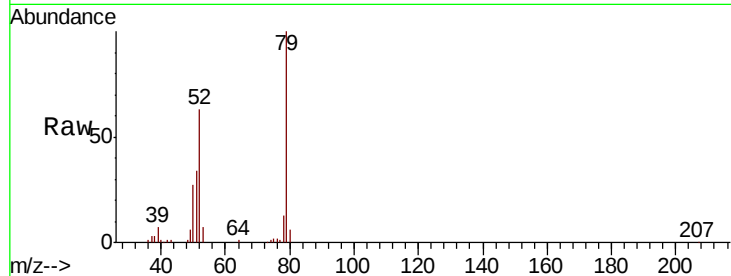
Tot Ion: 79 Resp: 255155

Ion Ratio Lower Upper

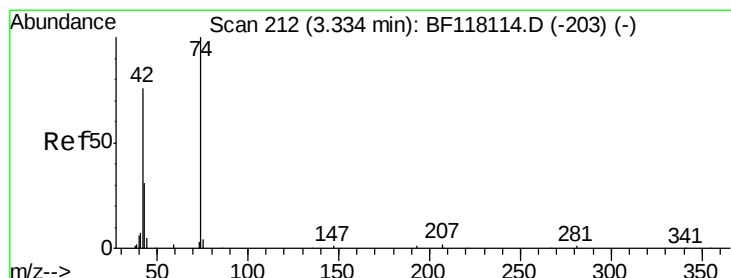
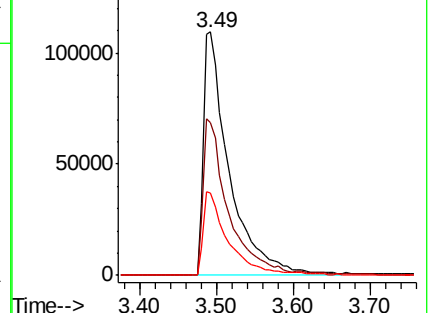
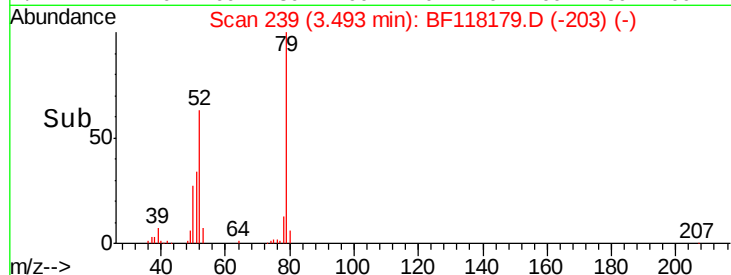
79 100

52 62.7 50.7 76.1

51 33.6 26.4 39.6



Abundance Ion 79.00 (78.70 to 79.70): BF1
Ion 52.00 (51.70 to 52.70): BF1
Ion 51.00 (50.70 to 51.70): BF1



#4

n-Nitrosodimethylamine

Concen: 41.001 ng

RT: 3.44 min Scan# 230

Delta R.T. 0.11 min

Lab File: BF118179.D

Acq: 13 Dec 2019 11:53

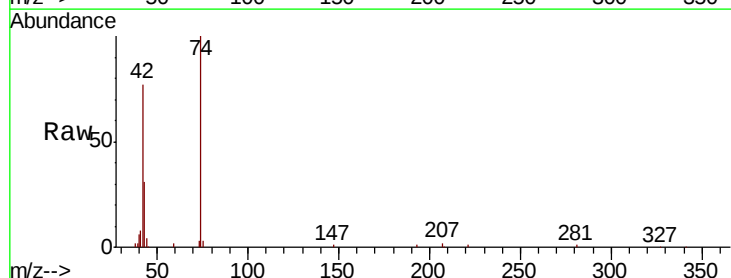
Tgt Ion: 42 Resp: 126784

Ion Ratio Lower Upper

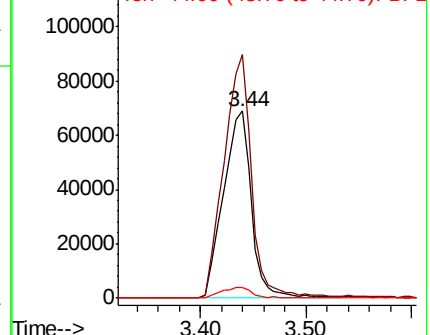
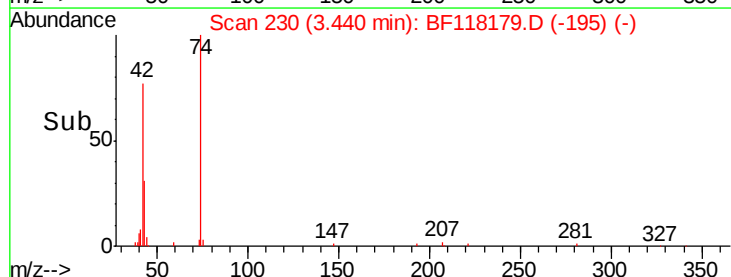
42 100

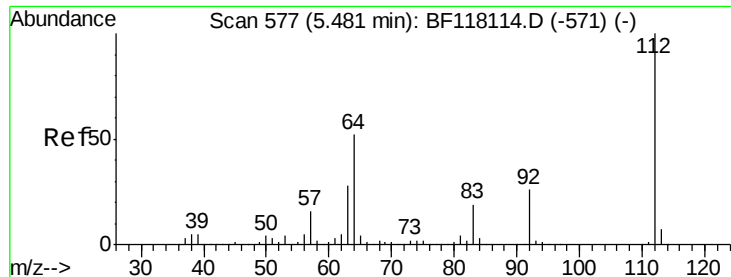
74 130.1 104.6 157.0

44 5.5 5.1 7.7



Abundance Ion 42.00 (41.70 to 42.70): BF1
Ion 74.00 (73.70 to 74.70): BF1
Ion 44.00 (43.70 to 44.70): BF1





#5

2-Fluorophenol

Concen: 106.858 ng

RT: 5.50 min Scan# 580

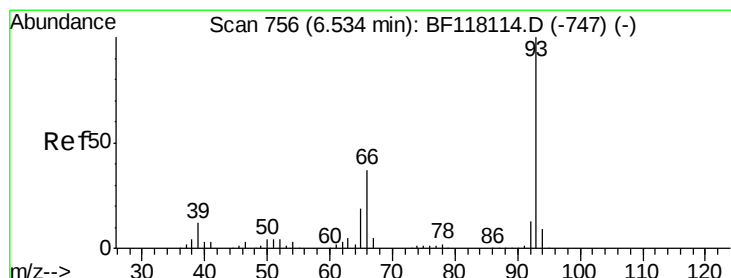
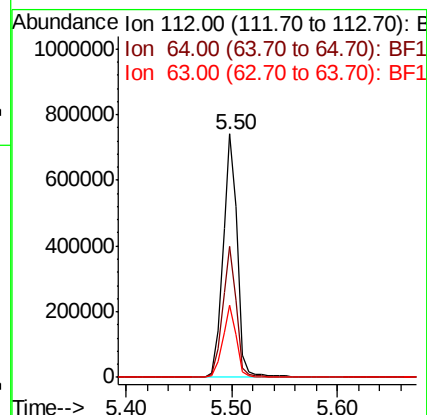
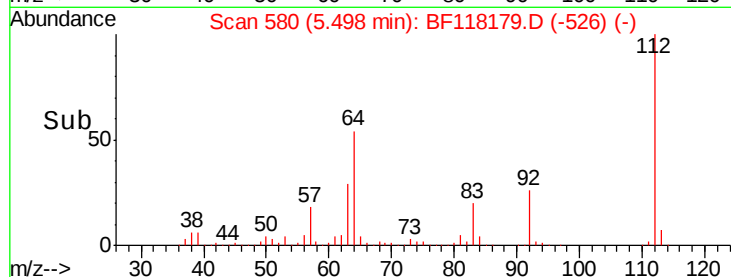
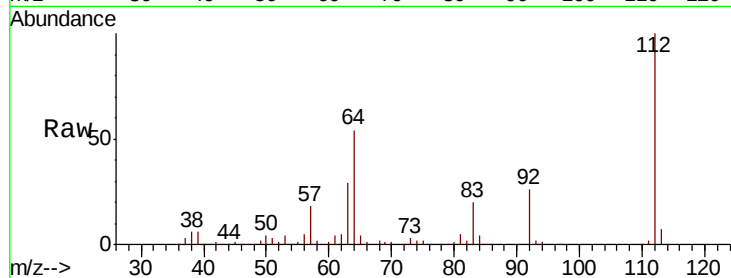
Delta R.T. 0.02 min

Lab File: BF118179.D

Acq: 13 Dec 2019 11:53

Instrument :
BNA_F
ClientSampled :

Tot Ion:	112	Resp:	706054
Ion	Ratio	Lower	Upper
112	100		
64	53.9	41.3	61.9
63	29.5	22.4	33.6



#6

Aniline

Concen: 30.199 ng

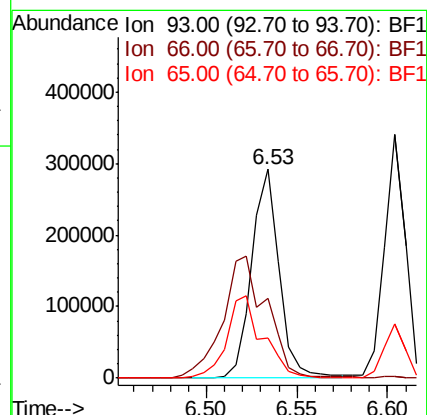
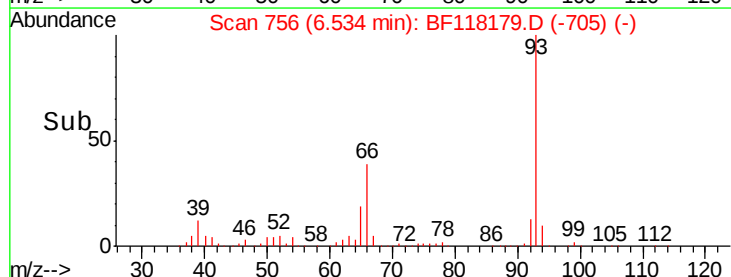
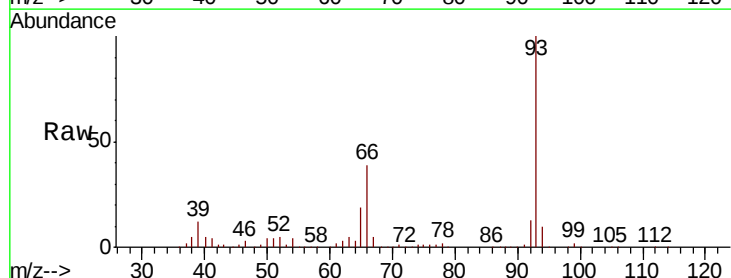
RT: 6.53 min Scan# 756

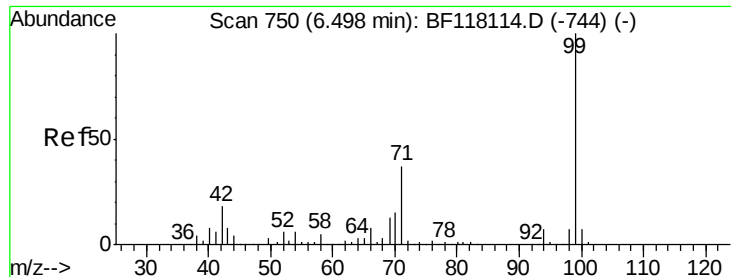
Delta R.T. -0.00 min

Lab File: BF118179.D

Acq: 13 Dec 2019 11:53

Tgt Ion:	93	Resp:	308722
Ion	Ratio	Lower	Upper
93	100		
66	38.5	30.2	45.2
65	19.3	15.5	23.3





#7

Phenol-d6

Concen: 106.447 ng

RT: 6.50 min Scan# 751

Delta R.T. 0.01 min

Lab File: BF118179.D

Acq: 13 Dec 2019 11:53

Instrument :

BNA_F

ClientSampleId :

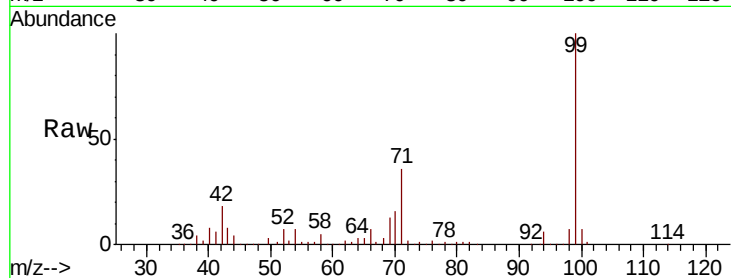
Tot Ion: 99 Resp: 850707

Ion Ratio Lower Upper

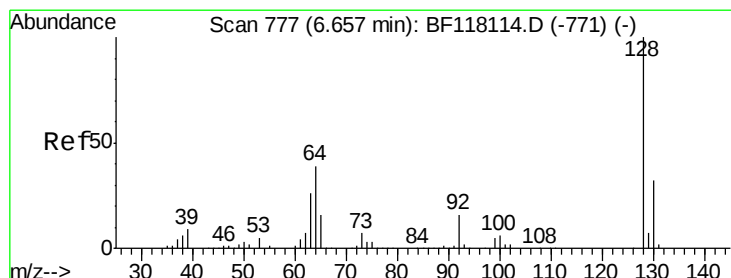
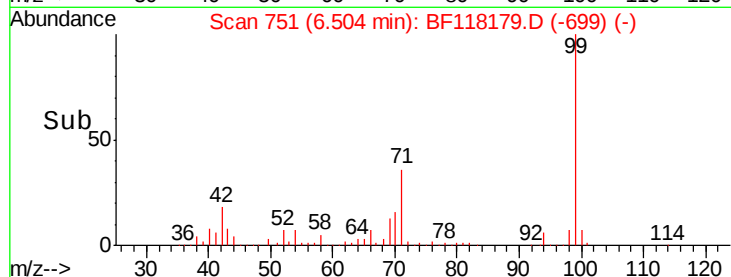
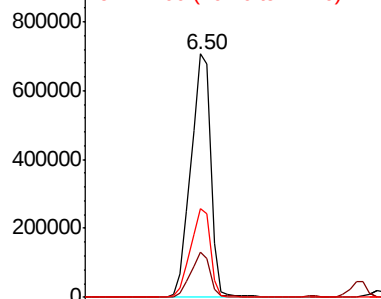
99 100

42 18.3 14.1 21.1

71 36.4 29.7 44.5



Abundance Ion 99.00 (98.70 to 99.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 71.00 (70.70 to 71.70): BF1



#8

2-Chlorophenol

Concen: 42.087 ng

RT: 6.66 min Scan# 777

Delta R.T. -0.00 min

Lab File: BF118179.D

Acq: 13 Dec 2019 11:53

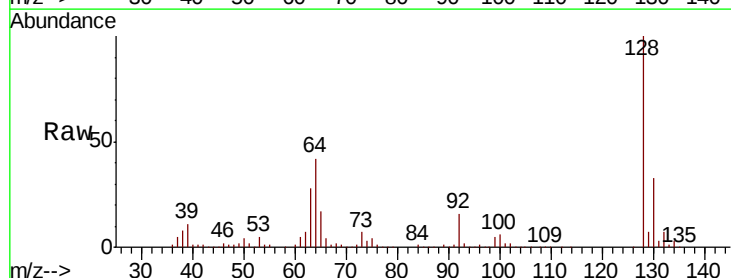
Tgt Ion: 128 Resp: 313566

Ion Ratio Lower Upper

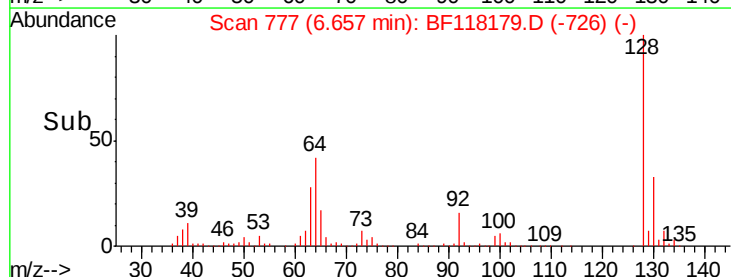
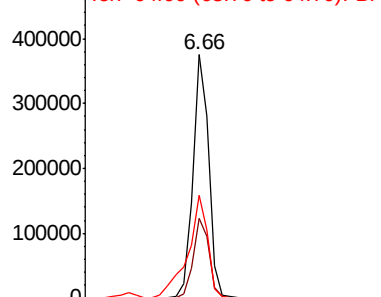
128 100

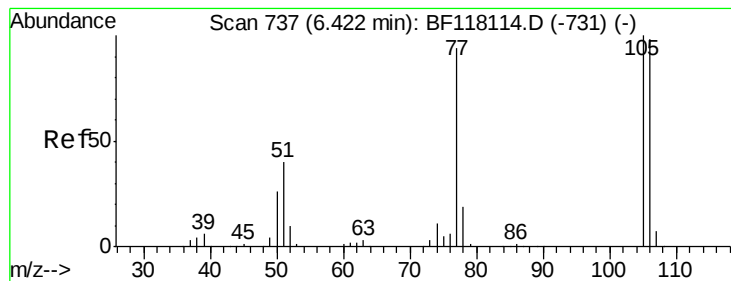
130 32.8 12.1 52.1

64 42.3 19.3 59.3



Abundance Ion 128.00 (127.70 to 128.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 64.00 (63.70 to 64.70): BF1





#9

Benzaldehyde

Concen: 58.769 ng

RT: 6.42 min Scan# 737

Delta R.T. 0.00 min

Lab File: BF118179.D

Acq: 13 Dec 2019 11:53

Instrument :

BNA_F

ClientSampleId :

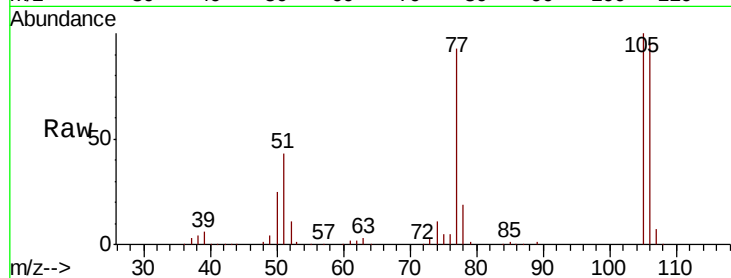
Tot Ion: 77 Resp: 213246

Ion Ratio Lower Upper

77 100

105 107.5 86.4 126.4

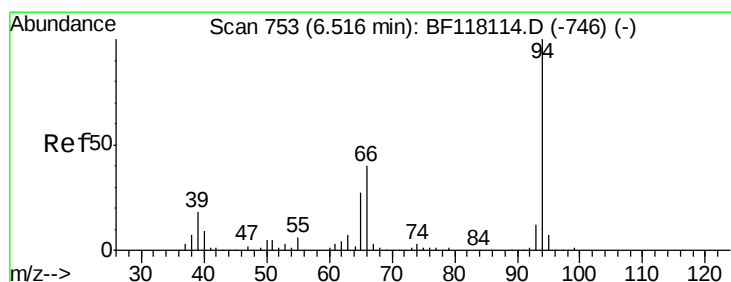
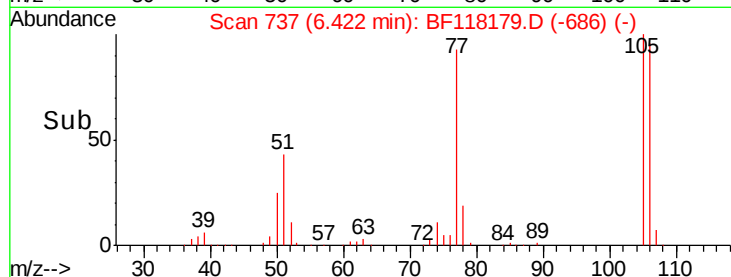
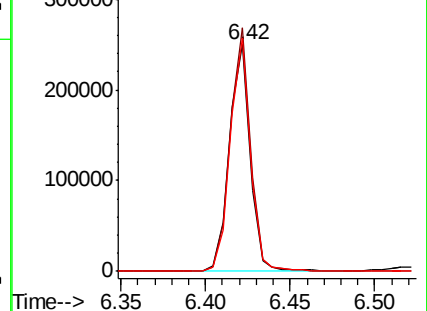
106 103.2 83.8 123.8



Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 106.00 (105.70 to 106.70): BF1



#10

Phenol

Concen: 40.526 ng

RT: 6.52 min Scan# 754

Delta R.T. 0.01 min

Lab File: BF118179.D

Acq: 13 Dec 2019 11:53

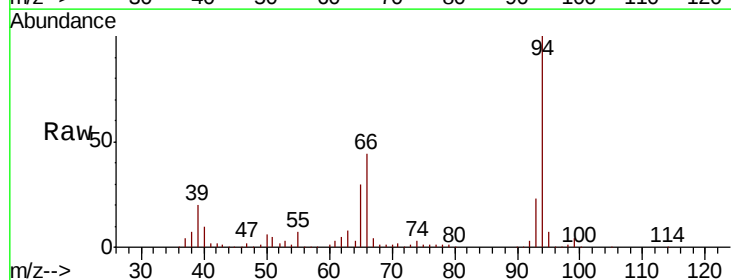
Tgt Ion: 94 Resp: 369356

Ion Ratio Lower Upper

94 100

65 30.0 7.3 47.3

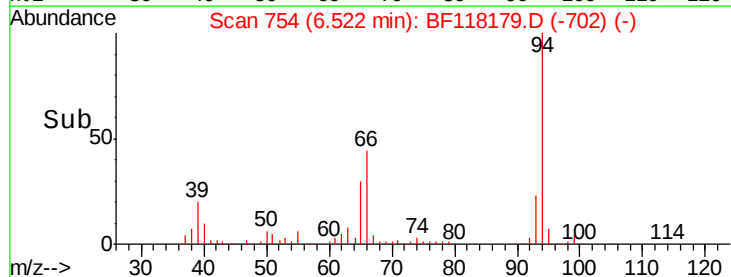
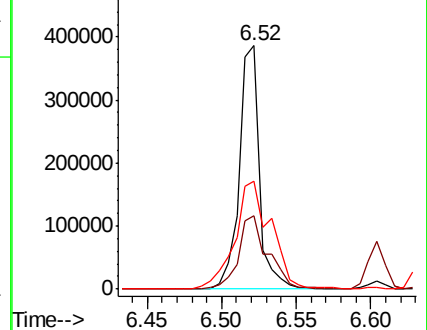
66 44.3 20.2 60.2

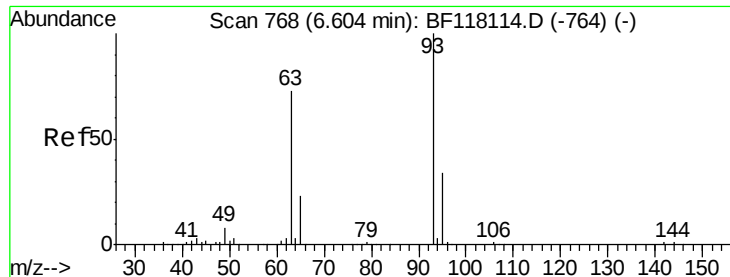


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

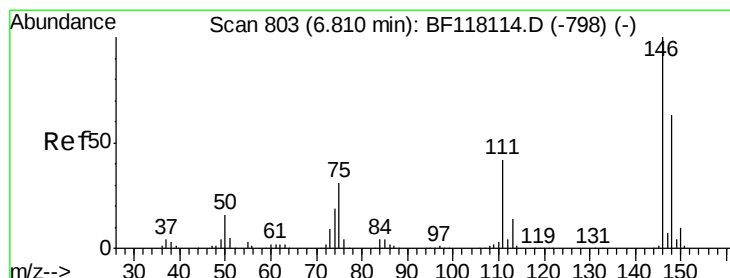
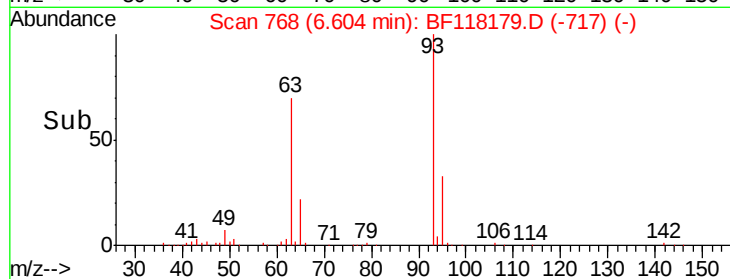
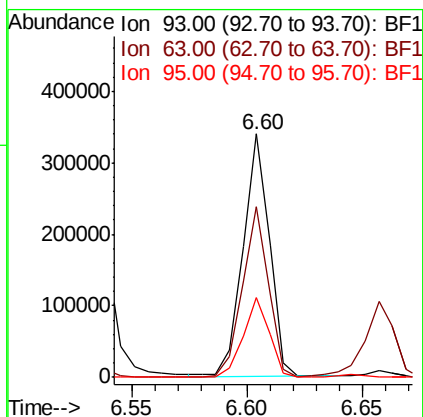
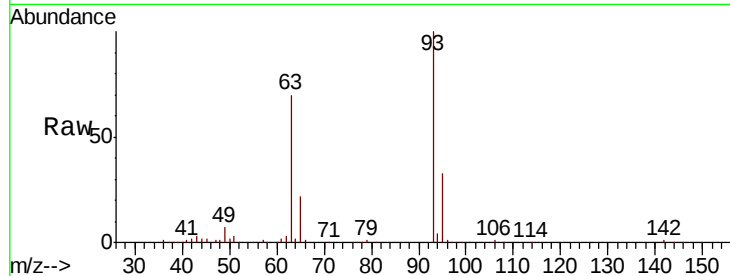




#11
bis(2-Chloroethyl)ether
Concen: 41.130 ng
RT: 6.60 min Scan# 768
Delta R.T. -0.00 min
Lab File: BF118179.D
Acq: 13 Dec 2019 11:53

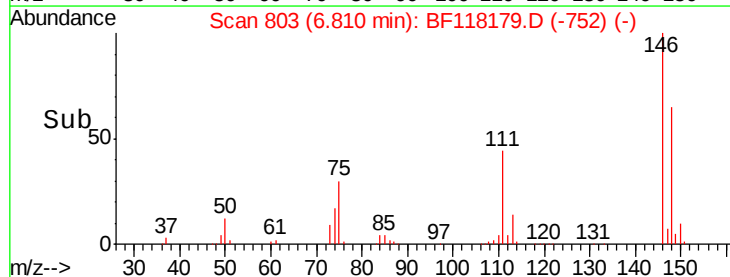
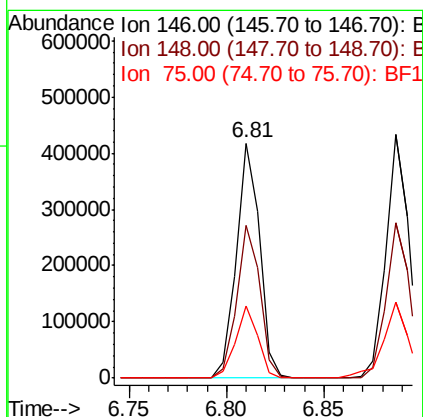
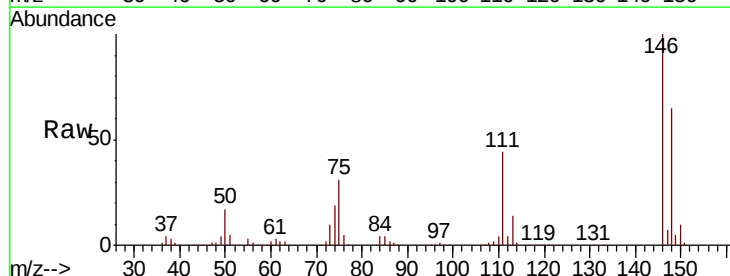
Instrument :
BNA_F
ClientSampleId :

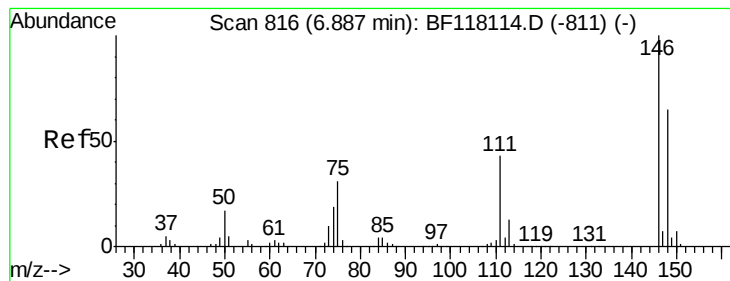
Tot Ion: 93 Resp: 271121
Ion Ratio Lower Upper
93 100
63 69.8 53.2 93.2
95 32.8 13.8 53.8



#12
1,3-Dichlorobenzene
Concen: 39.739 ng
RT: 6.81 min Scan# 803
Delta R.T. -0.00 min
Lab File: BF118179.D
Acq: 13 Dec 2019 11:53

Tgt Ion: 146 Resp: 345859
Ion Ratio Lower Upper
146 100
148 64.9 50.2 75.4
75 30.7 24.6 37.0





#13

1,4-Dichlorobenzene

Concen: 40.315 ng

RT: 6.89 min Scan# 816

Delta R.T. -0.00 min

Lab File: BF118179.D

Acq: 13 Dec 2019 11:53

Instrument :

BNA_F

ClientSampled :

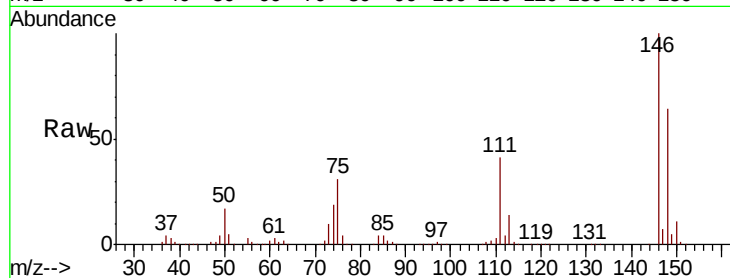
Tot Ion:146 Resp: 353317

Ion Ratio Lower Upper

146 100

148 64.0 52.1 78.1

111 41.1 34.6 52.0

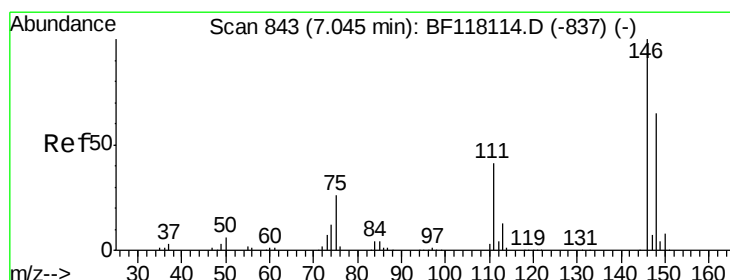
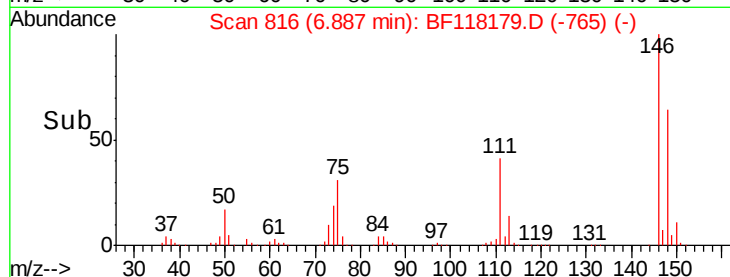
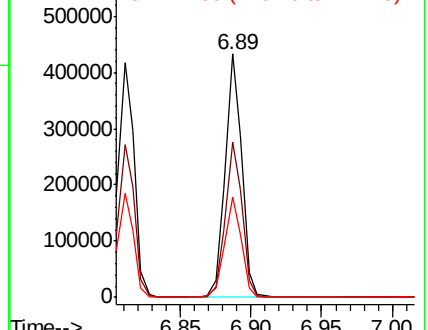


Abundance

Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 40.671 ng

RT: 7.04 min Scan# 842

Delta R.T. -0.01 min

Lab File: BF118179.D

Acq: 13 Dec 2019 11:53

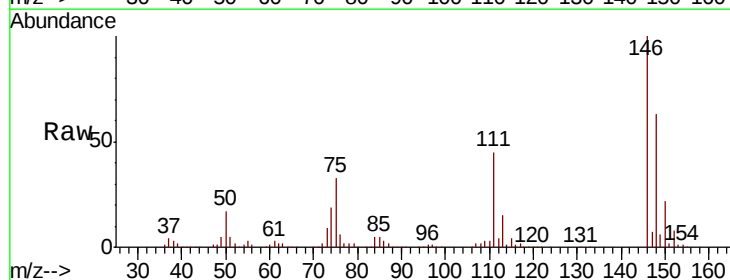
Tgt Ion:146 Resp: 334734

Ion Ratio Lower Upper

146 100

148 63.4 52.2 78.2

111 45.4 33.1 49.7

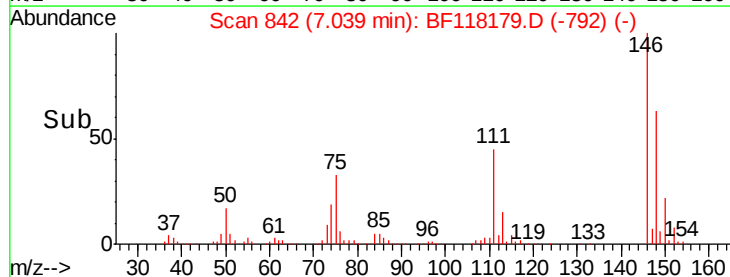
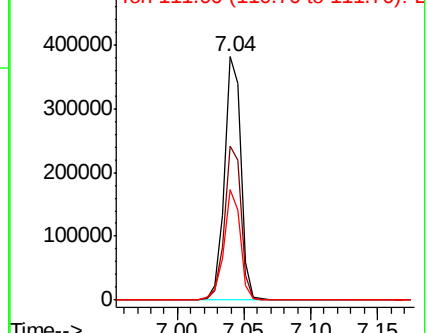


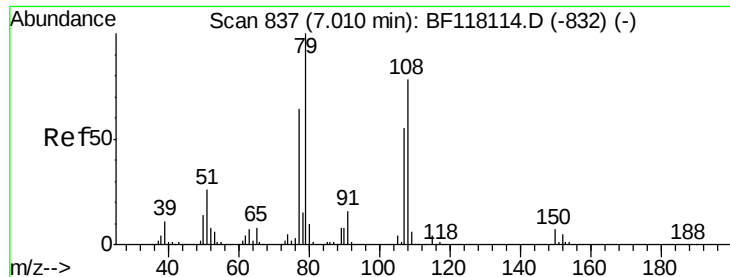
Abundance

Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 41.786 ng

RT: 7.02 min Scan# 838

Delta R.T. 0.01 min

Lab File: BF118179.D

Acq: 13 Dec 2019 11:53

Instrument :

BNA_F

ClientSampleId :

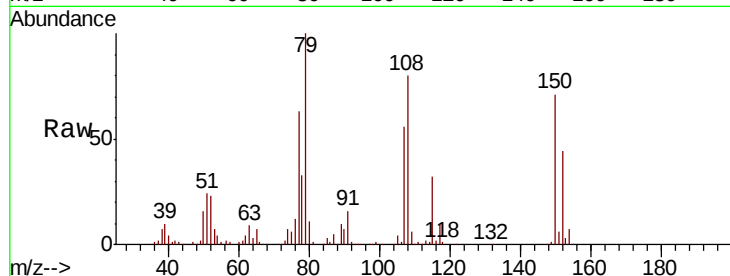
Tot Ion: 79 Resp: 260682

Ion Ratio Lower Upper

79 100

108 79.9 62.7 94.1

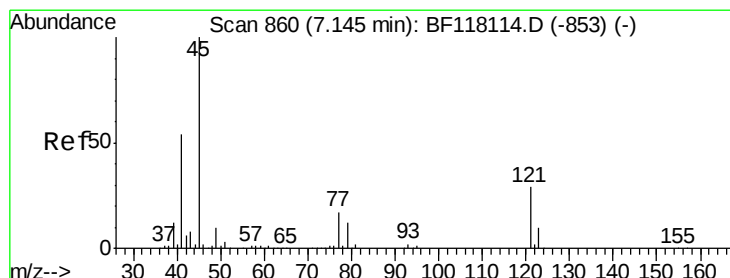
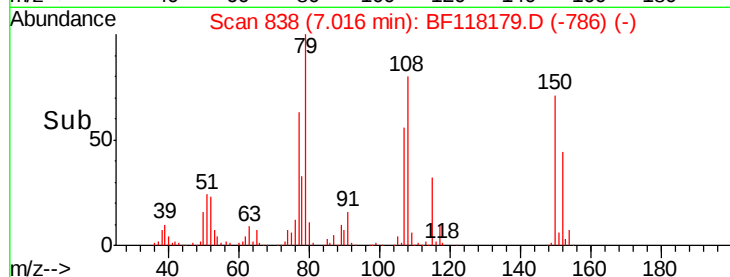
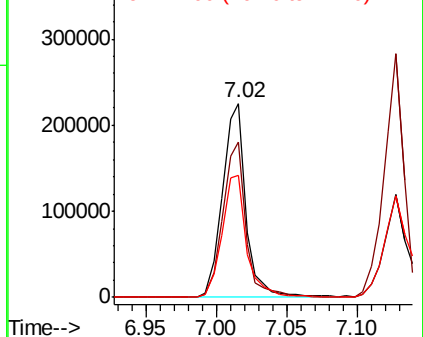
77 62.8 51.4 77.2



Abundance Ion 79.00 (78.70 to 79.70): BF1

Ion 108.00 (107.70 to 108.70): BF1

Ion 77.00 (76.70 to 77.70): BF1



#16

2,2'-oxybis(1-Chloropropane)

Concen: 39.578 ng

RT: 7.15 min Scan# 860

Delta R.T. -0.00 min

Lab File: BF118179.D

Acq: 13 Dec 2019 11:53

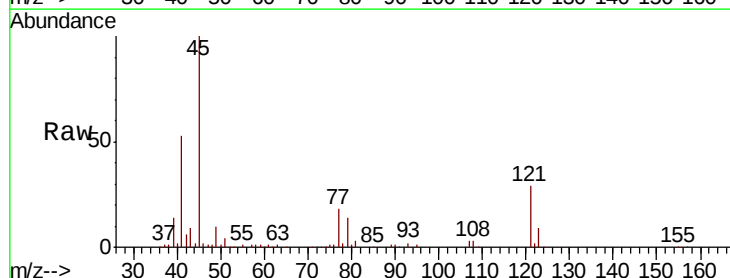
Tgt Ion: 45 Resp: 313681

Ion Ratio Lower Upper

45 100

77 18.1 0.0 38.0

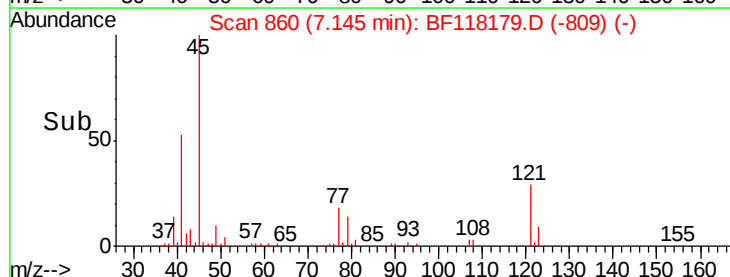
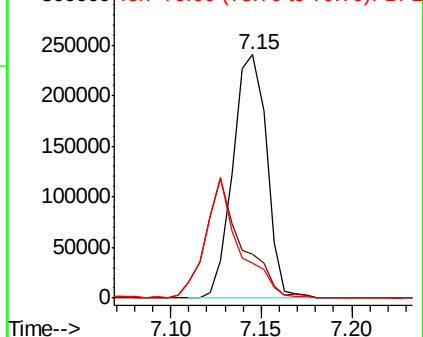
79 14.3 0.0 33.2

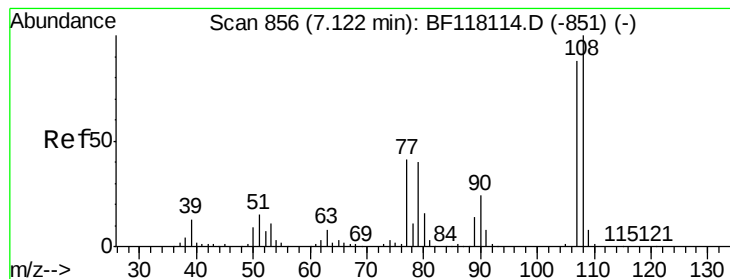


Abundance Ion 45.00 (44.70 to 45.70): BF1

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1

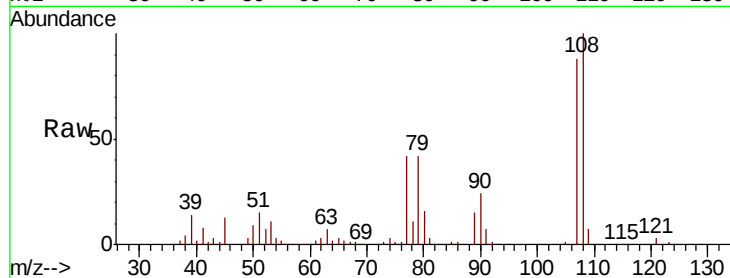




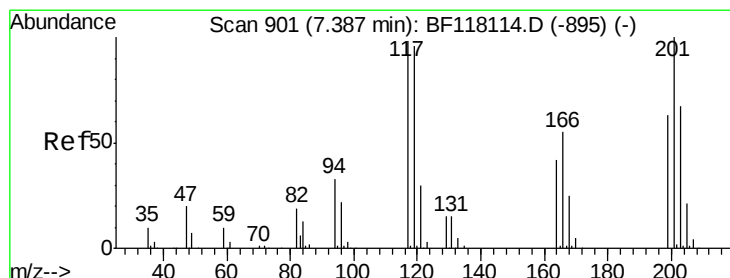
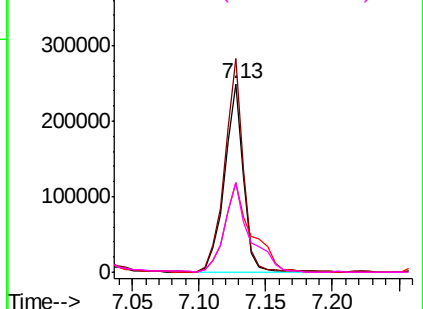
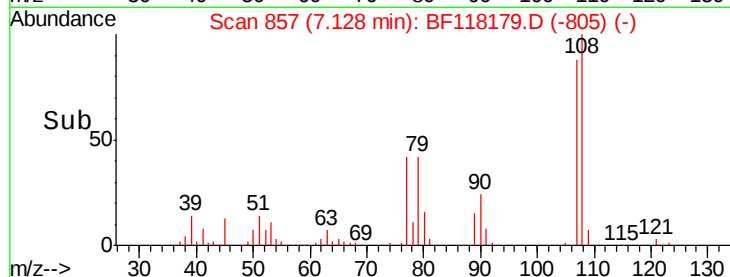
#17
2-Methylphenol
Concen: 41.921 ng
RT: 7.13 min Scan# 857
Delta R.T. 0.01 min
Lab File: BF118179.D
Acq: 13 Dec 2019 11:53

Instrument :
BNA_F
ClientSampleId :

Tot Ion:107 Resp: 248408
Ion Ratio Lower Upper
107 100
108 113.1 91.1 136.7
77 47.4 37.8 56.6
79 47.5 37.0 55.6

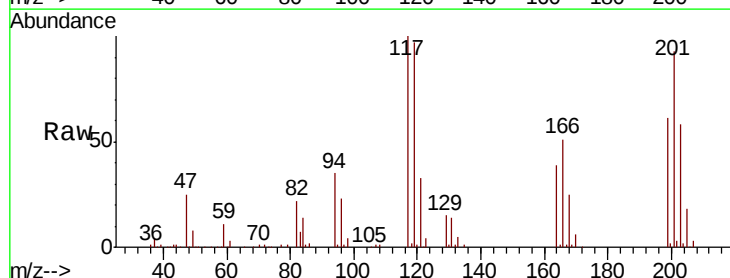


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1

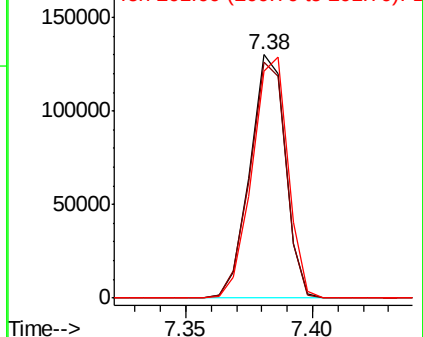
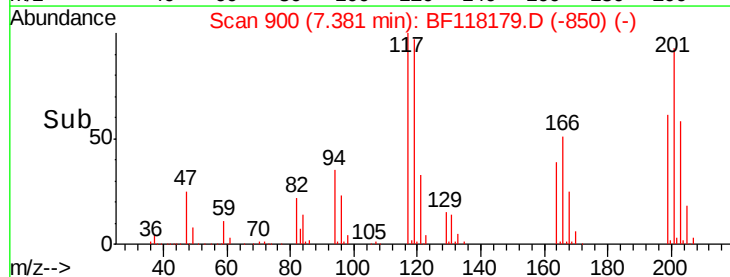


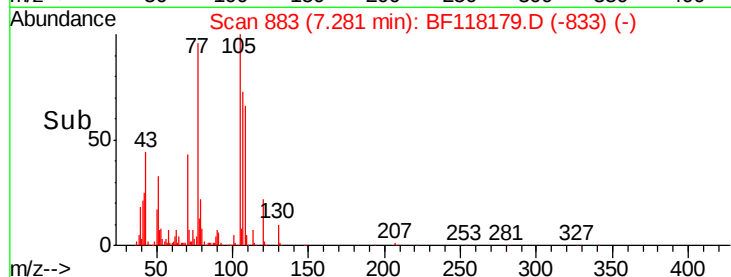
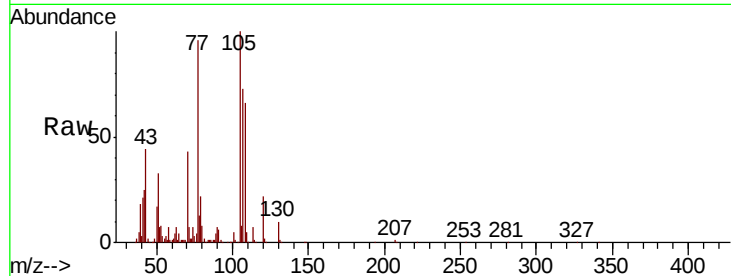
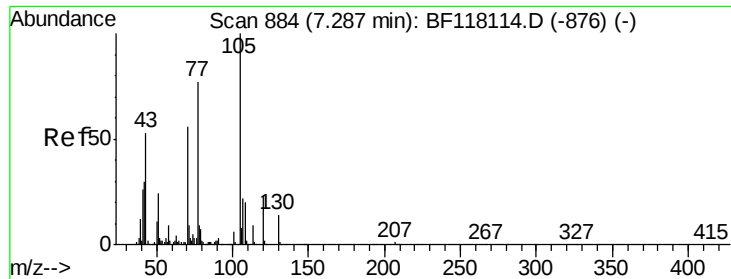
#18
Hexachloroethane
Concen: 39.411 ng
RT: 7.38 min Scan# 900
Delta R.T. -0.01 min
Lab File: BF118179.D
Acq: 13 Dec 2019 11:53

Tgt Ion:117 Resp: 127271
Ion Ratio Lower Upper
117 100
119 97.1 78.2 117.4
201 93.4 81.6 122.4



Abundance Ion 117.00 (116.70 to 117.70): E
Ion 119.00 (118.70 to 119.70): E
Ion 201.00 (200.70 to 201.70): E

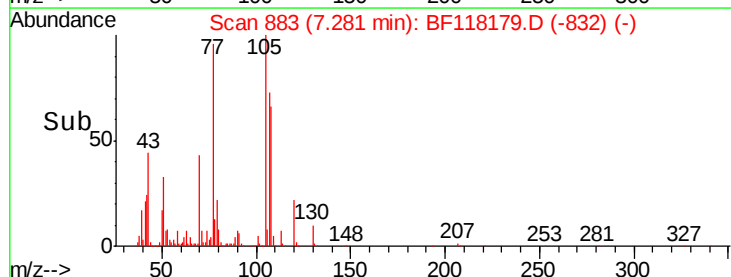
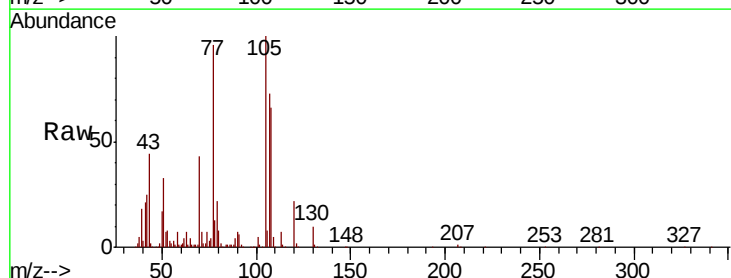
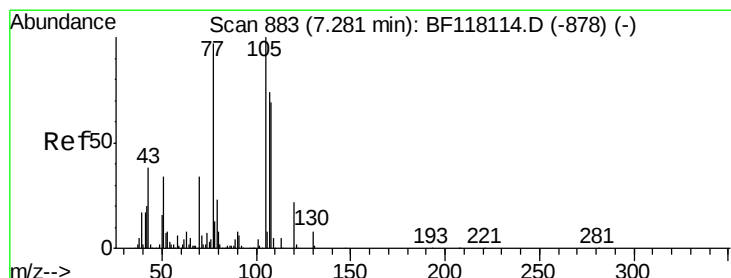
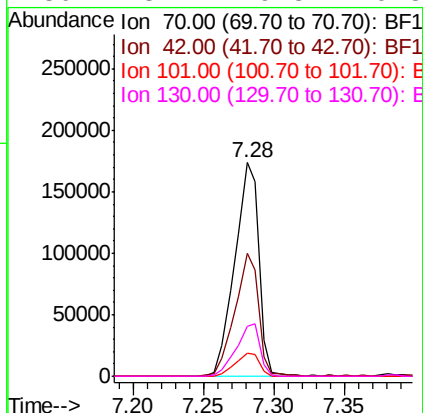




#19
n-Nitroso-di-n-propylamine
Concen: 42.444 ng
RT: 7.28 min Scan# 883
Delta R.T. -0.01 min
Lab File: BF118179.D
Acq: 13 Dec 2019 11:53

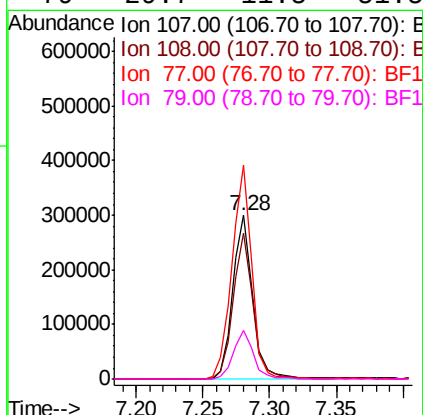
Instrument :
BNA_F
ClientSampled :

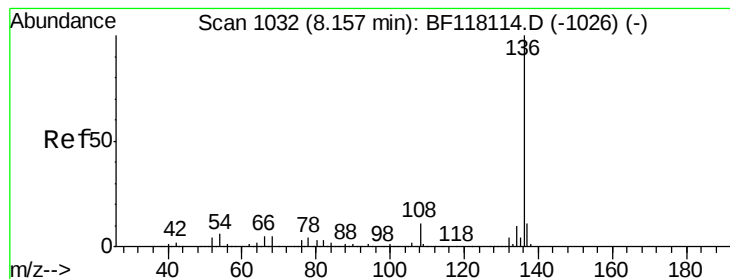
Tot Ion:	70	Resp:	206120
Ion	Ratio	Lower	Upper
70	100		
42	57.8	43.2	64.8
101	10.8	8.1	12.1
130	23.2	19.8	29.8



#20
3+4-Methylphenols
Concen: 41.808 ng
RT: 7.28 min Scan# 883
Delta R.T. -0.00 min
Lab File: BF118179.D
Acq: 13 Dec 2019 11:53

Tgt Ion:	107	Resp:	311186
Ion	Ratio	Lower	Upper
107	100		
108	89.6	73.2	113.2
77	130.6	110.9	150.9
79	29.7	11.5	51.5





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.16 min Scan# 1032

Delta R.T. -0.00 min

Lab File: BF118179.D

Acq: 13 Dec 2019 11:53

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 474449

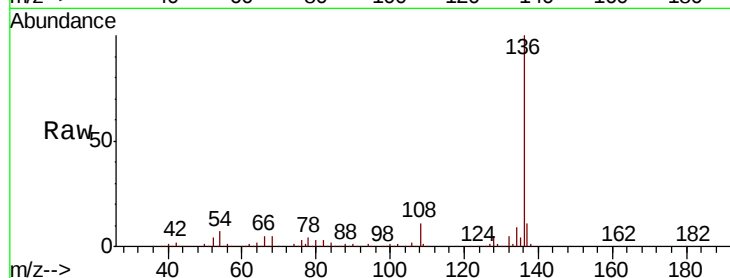
Ion Ratio Lower Upper

136 100

137 10.9 9.0 13.6

54 6.6 5.0 7.6

68 4.6 3.8 5.8

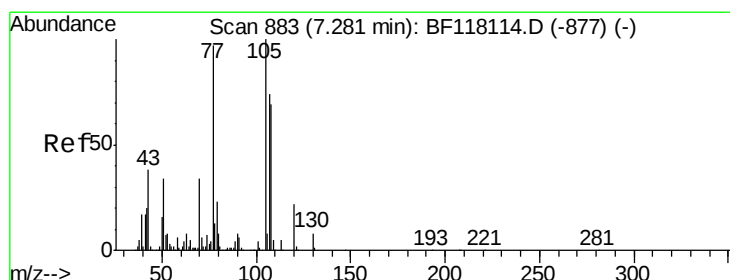
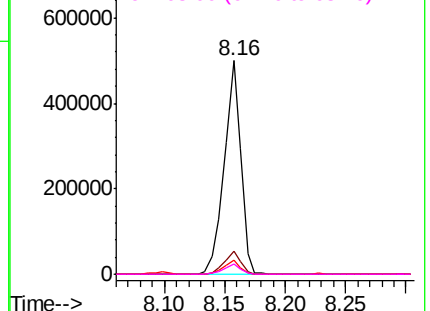
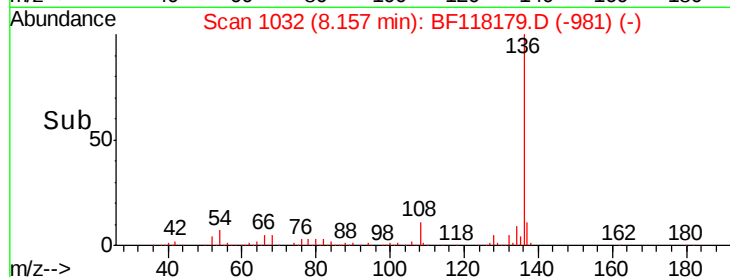


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#22

Acetophenone

Concen: 37.305 ng

RT: 7.28 min Scan# 883

Delta R.T. -0.00 min

Lab File: BF118179.D

Acq: 13 Dec 2019 11:53

Tgt Ion:105 Resp: 425217

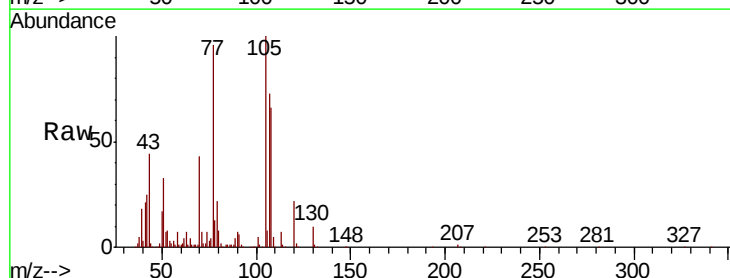
Ion Ratio Lower Upper

105 100

71 7.1 4.7 7.1#

51 32.8 27.1 40.7

120 21.9 17.8 26.6

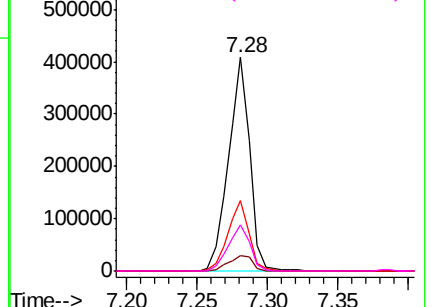
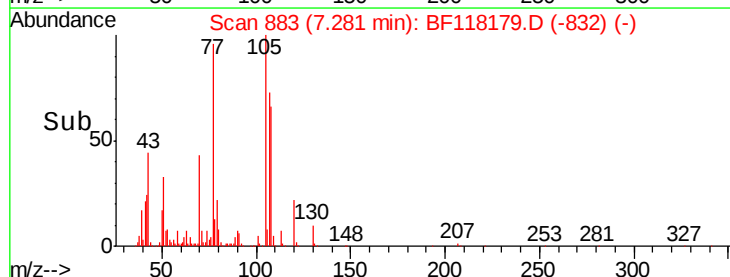


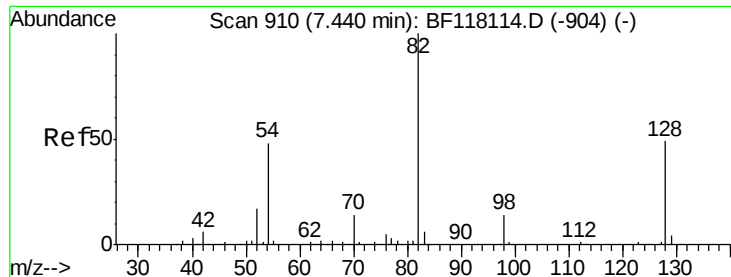
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF1

Ion 51.00 (50.70 to 51.70): BF1

Ion 120.00 (119.70 to 120.70): E

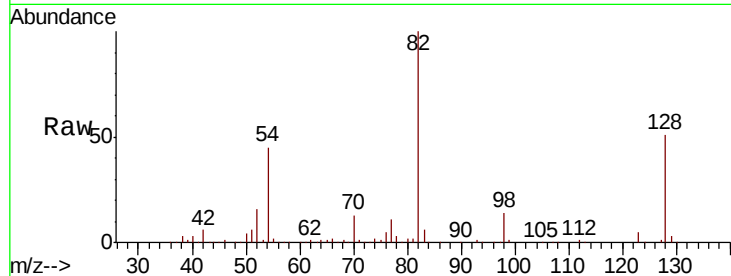




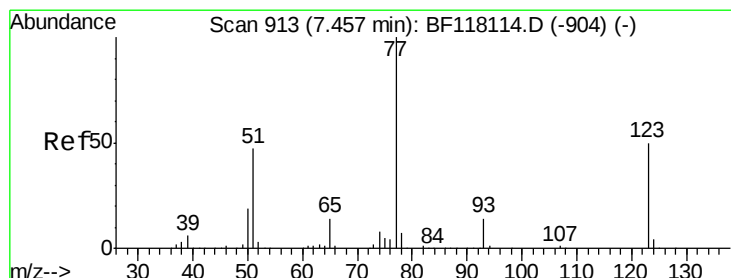
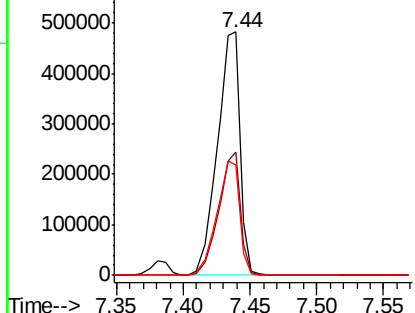
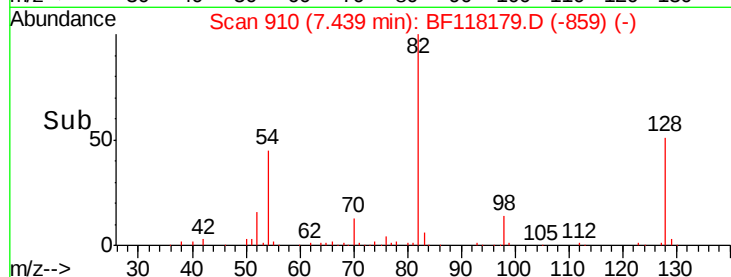
#23
Nitrobenzene-d5
Concen: 68.904 ng
RT: 7.44 min Scan# 910
Delta R.T. -0.00 min
Lab File: BF118179.D
Acq: 13 Dec 2019 11:53

Instrument :
BNA_F
ClientSampleId :

Tot Ion	82	Resp	581099
Ion Ratio	Lower	Upper	
82	100		
128	50.8	39.1	58.7
54	45.2	38.2	57.2

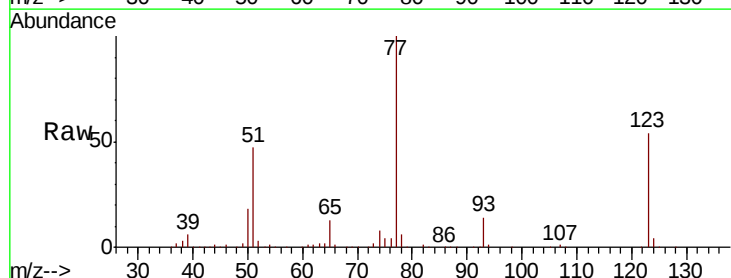


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

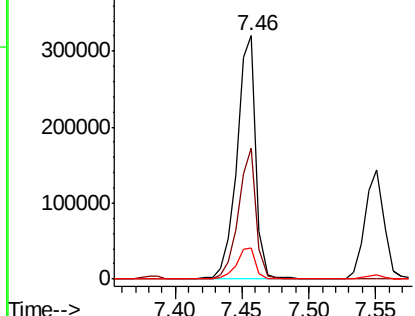
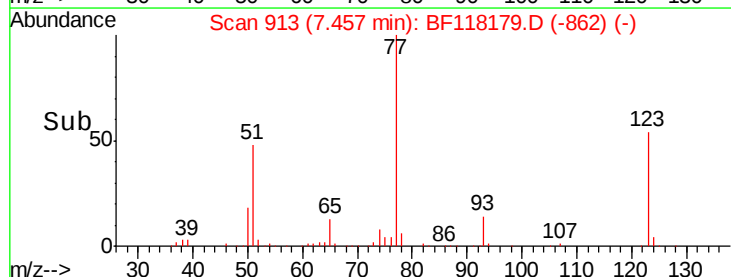


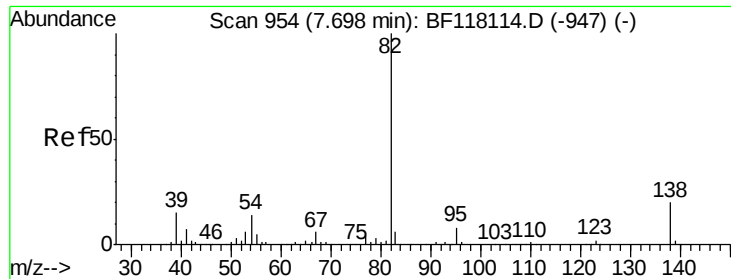
#24
Nitrobenzene
Concen: 38.004 ng
RT: 7.46 min Scan# 913
Delta R.T. -0.00 min
Lab File: BF118179.D
Acq: 13 Dec 2019 11:53

Tgt Ion	77	Resp	314893
Ion Ratio	Lower	Upper	
77	100		
123	53.8	40.1	60.1
65	13.0	10.9	16.3



Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 123.00 (122.70 to 123.70): BF1
Ion 65.00 (64.70 to 65.70): BF1





#25

Isophorone

Concen: 39.183 ng

RT: 7.69 min Scan# 953

Delta R.T. -0.01 min

Lab File: BF118179.D

Acq: 13 Dec 2019 11:53

Instrument :

BNA_F

ClientSampleId :

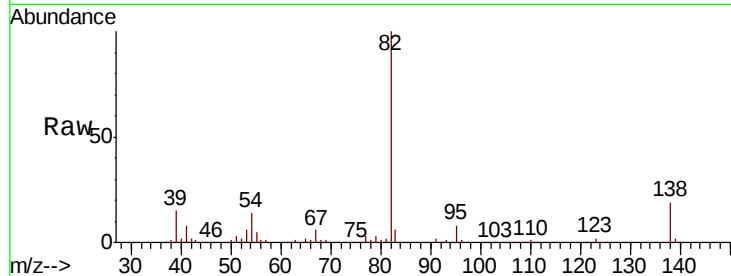
Tot Ion: 82 Resp: 560187

Ion Ratio Lower Upper

82 100

95 7.6 6.3 9.5

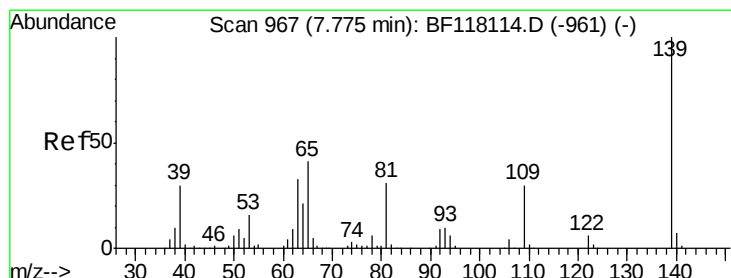
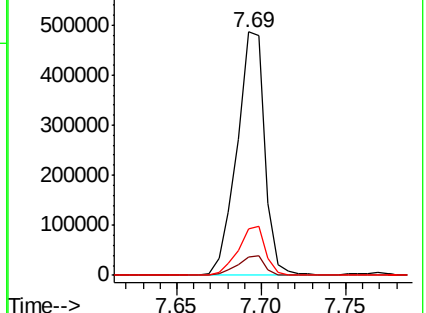
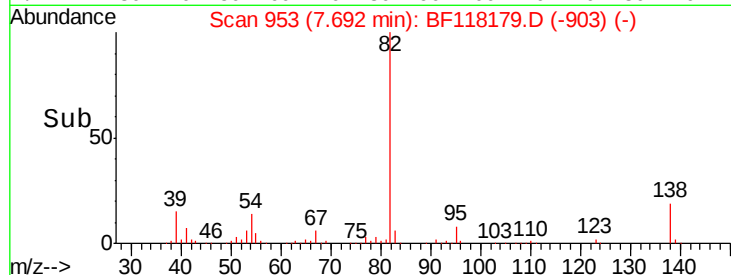
138 19.3 16.3 24.5



Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 138.00 (137.70 to 138.70): BF1



#26

2-Nitrophenol

Concen: 39.595 ng

RT: 7.77 min Scan# 967

Delta R.T. -0.00 min

Lab File: BF118179.D

Acq: 13 Dec 2019 11:53

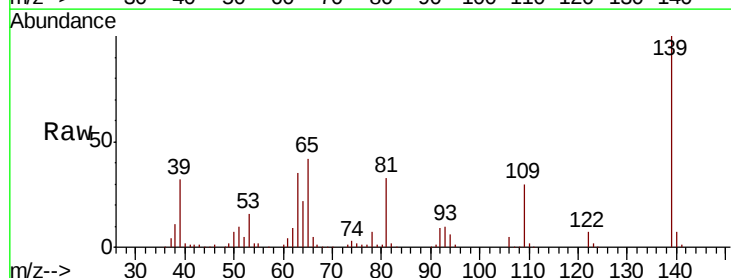
Tgt Ion: 139 Resp: 175352

Ion Ratio Lower Upper

139 100

109 30.4 23.9 35.9

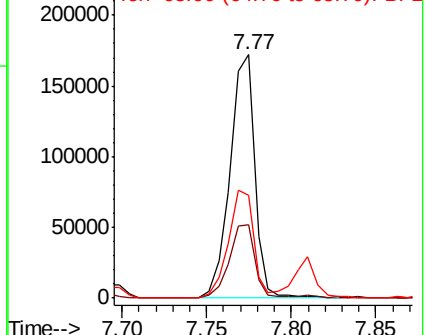
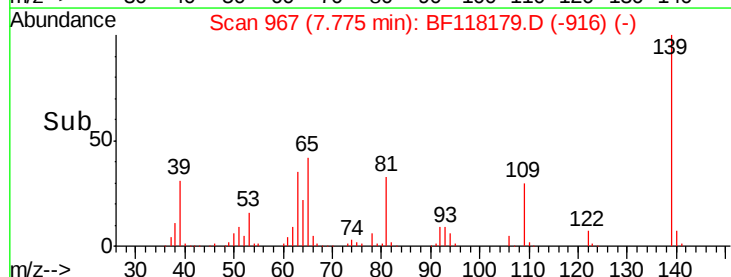
65 42.1 33.0 49.6

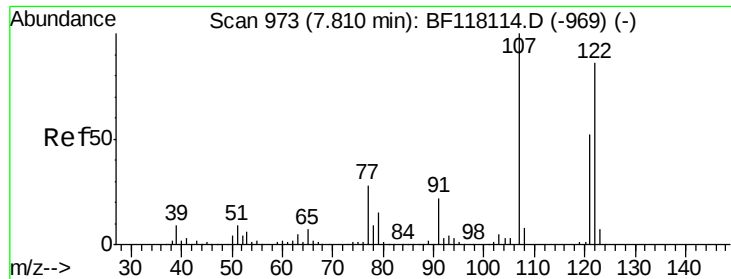


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1

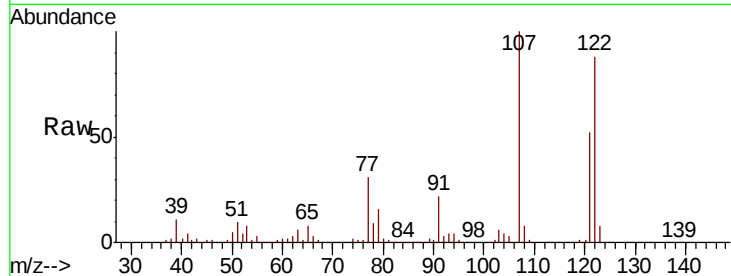




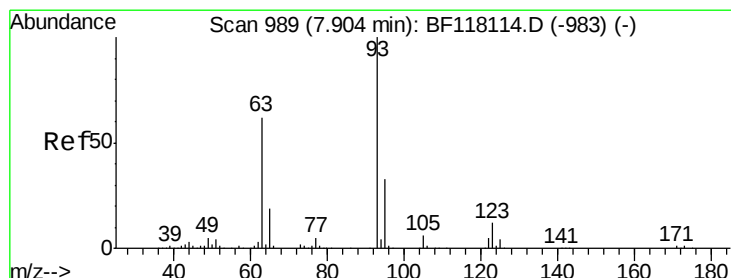
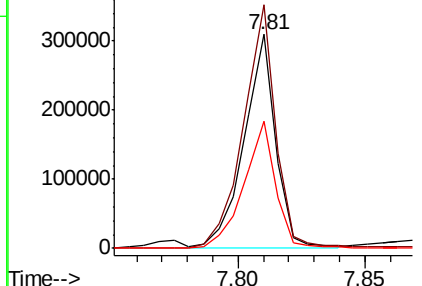
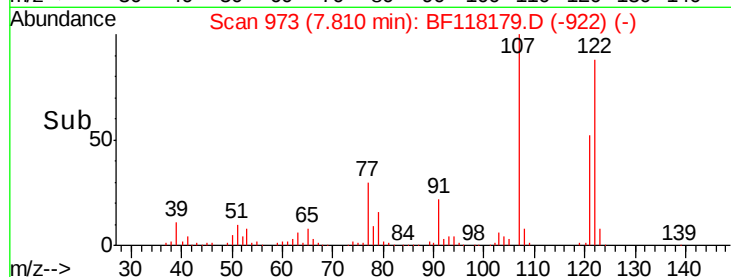
#27
 2,4-Dimethylphenol
 Concen: 45.290 ng
 RT: 7.81 min Scan# 973
 Delta R.T. -0.00 min
 Lab File: BF118179.D
 Acq: 13 Dec 2019 11:53

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
122	100		
107	113.9	92.9	139.3
121	59.3	48.3	72.5

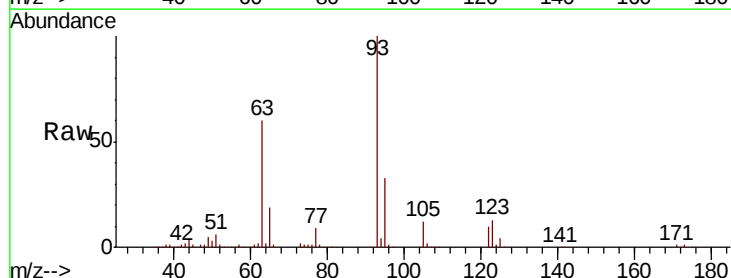


Abundance Ion 122.00 (121.70 to 122.70): E
 Ion 107.00 (106.70 to 107.70): E
 Ion 121.00 (120.70 to 121.70): E

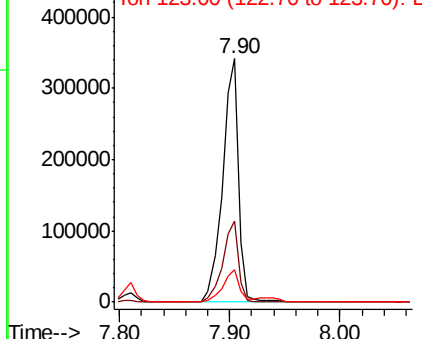
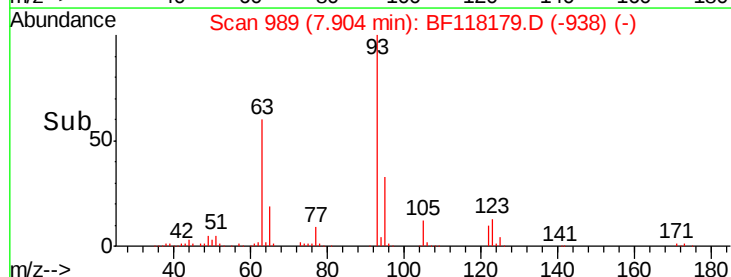


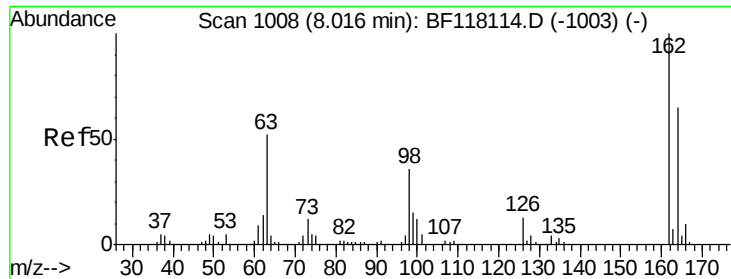
#28
 bis(2-Chloroethoxy)methane
 Concen: 36.775 ng
 RT: 7.90 min Scan# 989
 Delta R.T. -0.00 min
 Lab File: BF118179.D
 Acq: 13 Dec 2019 11:53

Tgt Ion	Ratio	Lower	Upper
93	100		
95	33.1	26.7	40.1
123	13.2	10.0	15.0



Abundance Ion 93.00 (92.70 to 93.70): BF1
 Ion 95.00 (94.70 to 95.70): BF1
 Ion 123.00 (122.70 to 123.70): E

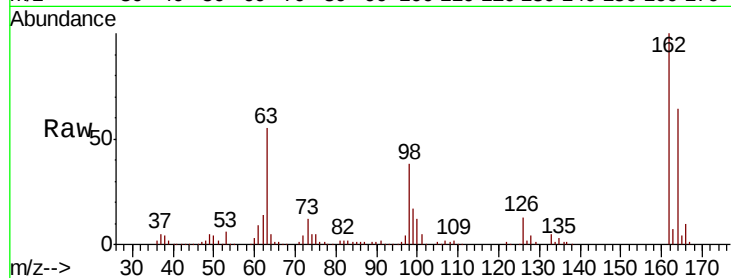




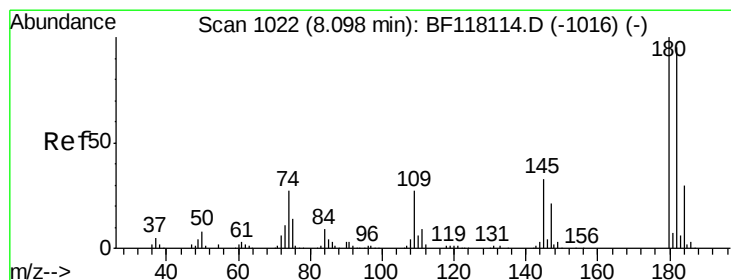
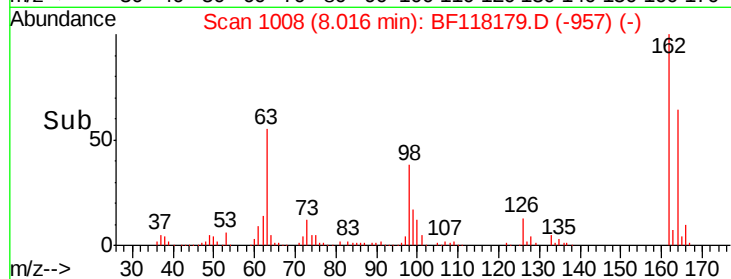
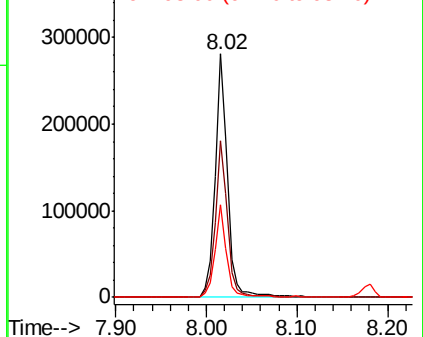
#29
 2,4-Dichlorophenol
 Concen: 38.982 ng
 RT: 8.02 min Scan# 1008
 Delta R.T. -0.00 min
 Lab File: BF118179.D
 Acq: 13 Dec 2019 11:53

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
164	64.2	45.2	85.2
98	38.2	15.9	55.9

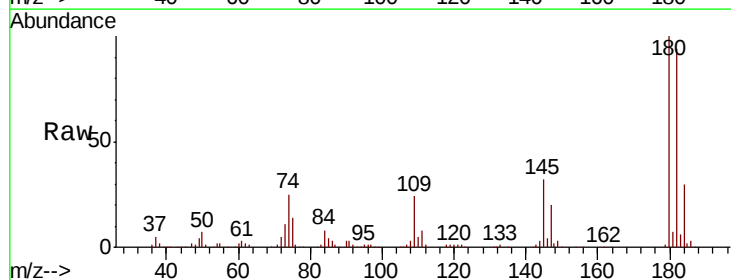


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF1

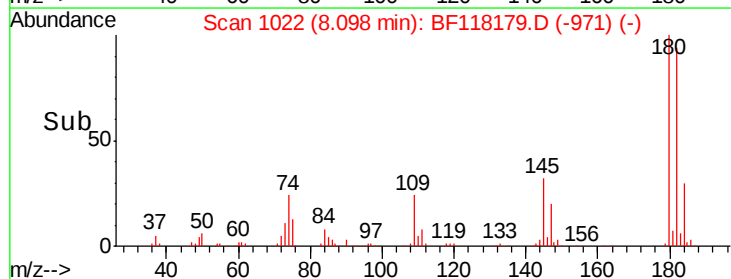
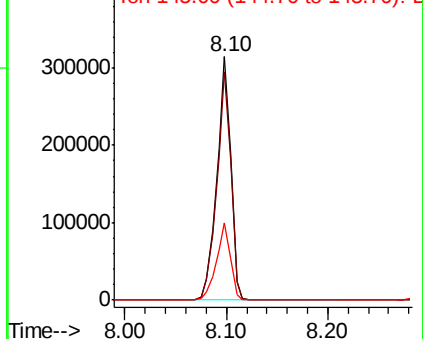


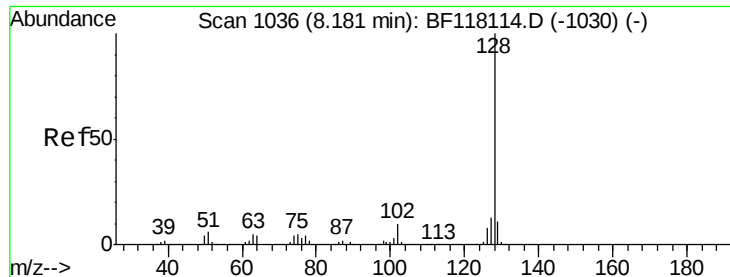
#30
 1,2,4-Trichlorobenzene
 Concen: 37.540 ng
 RT: 8.10 min Scan# 1022
 Delta R.T. -0.00 min
 Lab File: BF118179.D
 Acq: 13 Dec 2019 11:53

Tgt Ion	Ratio	Lower	Upper
180	100		
182	93.6	76.1	114.1
145	31.8	26.1	39.1



Abundance Ion 180.00 (179.70 to 180.70): E
 Ion 182.00 (181.70 to 182.70): E
 Ion 145.00 (144.70 to 145.70): E

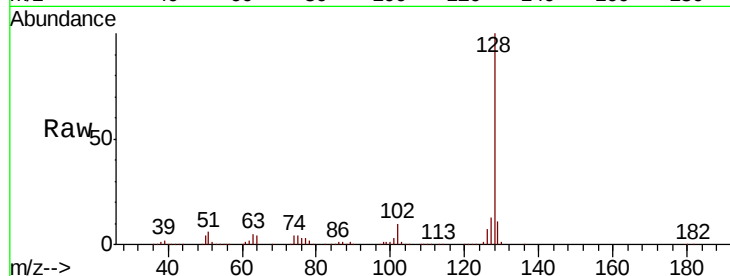




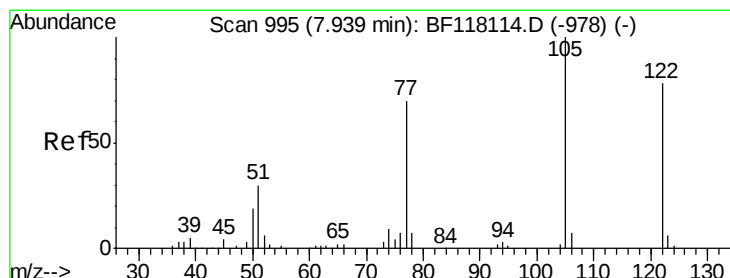
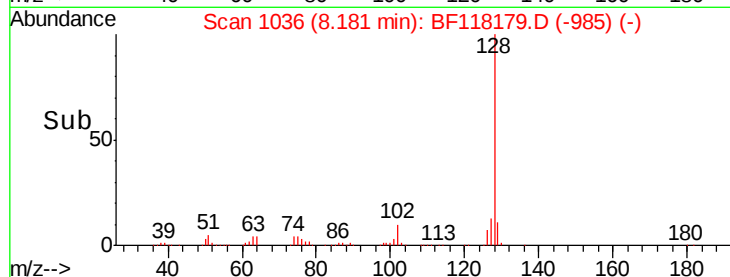
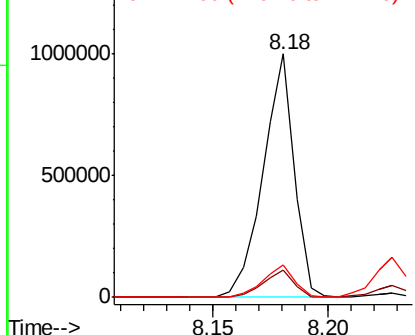
#31
Naphthalene
Concen: 39.188 ng
RT: 8.18 min Scan# 1036
Delta R.T. -0.00 min
Lab File: BF118179.D
Acq: 13 Dec 2019 11:53

Instrument :
BNA_F
ClientSampleId :

Tot Ion:128 Resp: 933772
Ion Ratio Lower Upper
128 100
129 11.2 9.1 13.7
127 13.2 10.6 16.0

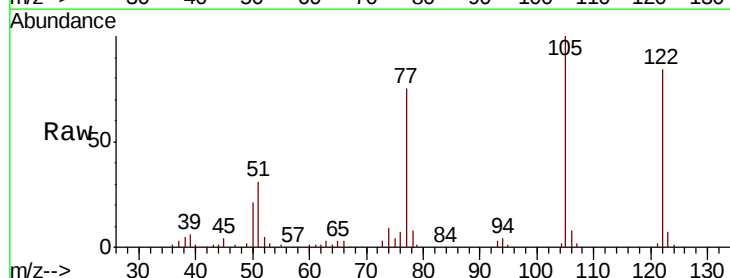


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

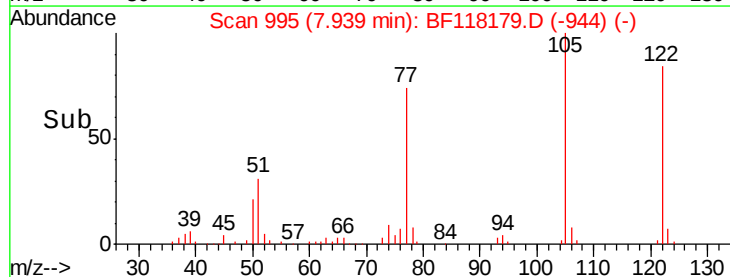
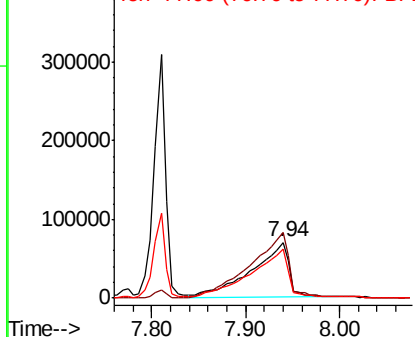


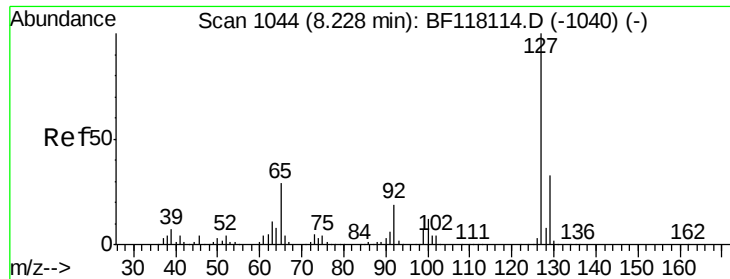
#32
Benzoic acid
Concen: 36.055 ng
RT: 7.94 min Scan# 995
Delta R.T. -0.00 min
Lab File: BF118179.D
Acq: 13 Dec 2019 11:53

Tgt Ion:122 Resp: 192312
Ion Ratio Lower Upper
122 100
105 119.1 104.7 144.7
77 88.8 69.1 109.1



Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BF1

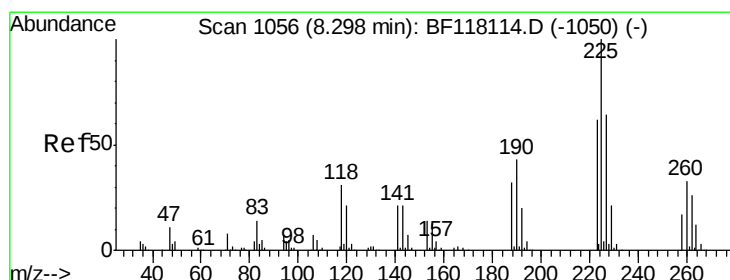
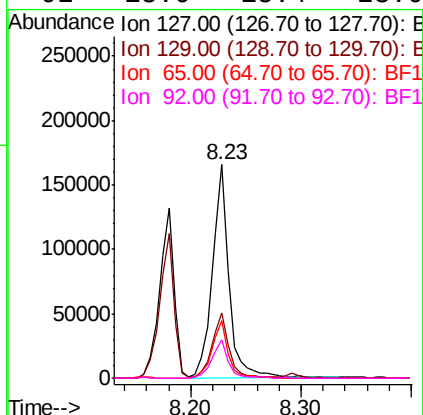
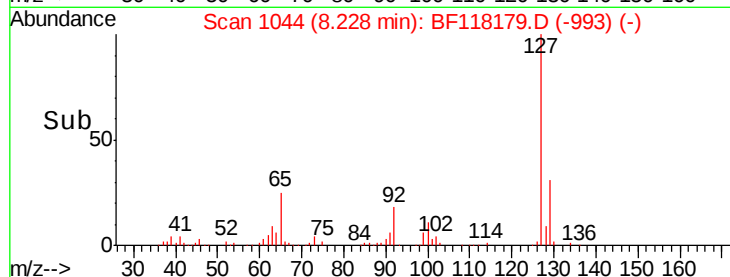
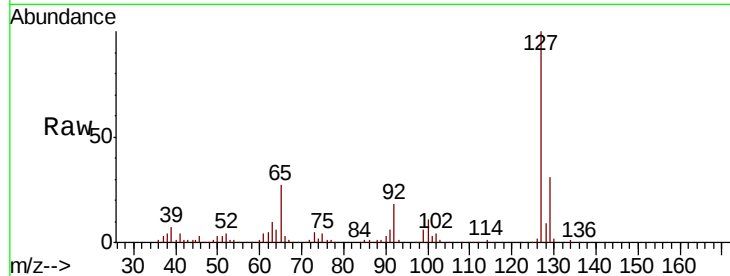




#33
4-Chloroaniline
Concen: 16.579 ng
RT: 8.23 min Scan# 1044
Delta R.T. -0.00 min
Lab File: BF118179.D
Acq: 13 Dec 2019 11:53

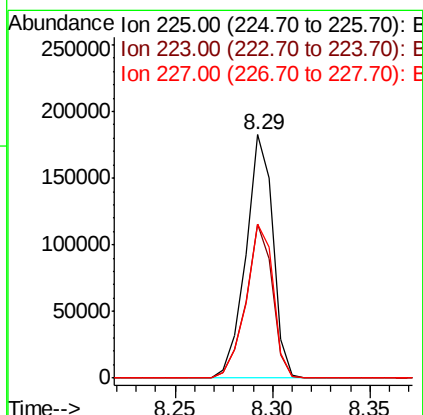
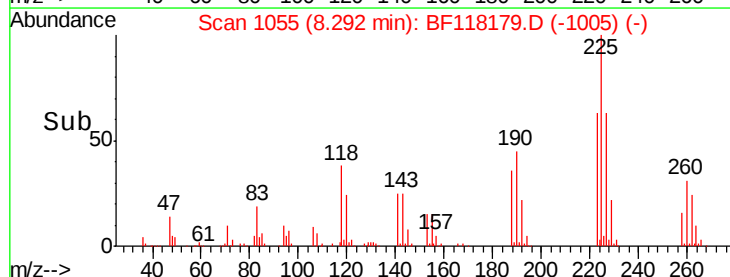
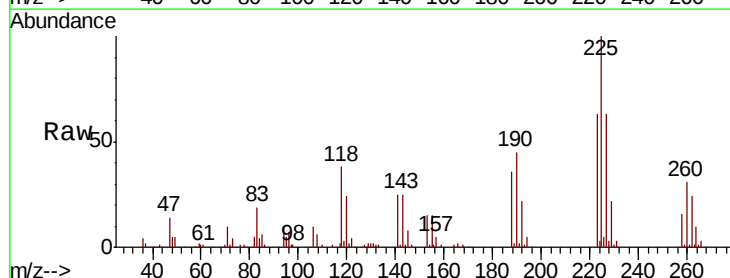
Instrument :
BNA_F
ClientSampled :

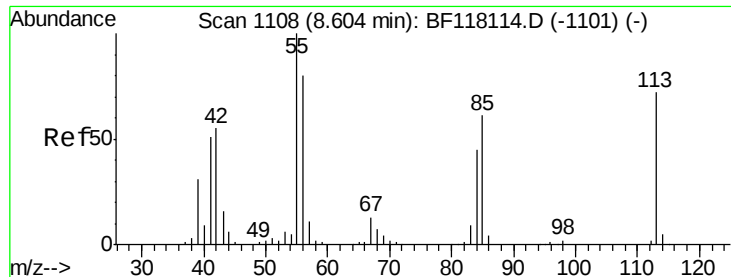
Tot Ion:	127	Resp:	170571
Ion	Ratio	Lower	Upper
127	100		
129	30.8	26.6	40.0
65	26.8	23.2	34.8
92	18.0	15.4	23.0



#34
Hexachlorobutadiene
Concen: 36.253 ng
RT: 8.29 min Scan# 1055
Delta R.T. -0.01 min
Lab File: BF118179.D
Acq: 13 Dec 2019 11:53

Tgt Ion:	225	Resp:	174960
Ion	Ratio	Lower	Upper
225	100		
223	63.1	49.6	74.4
227	63.4	51.0	76.6

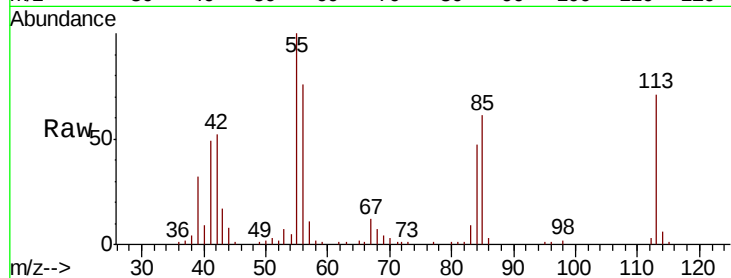




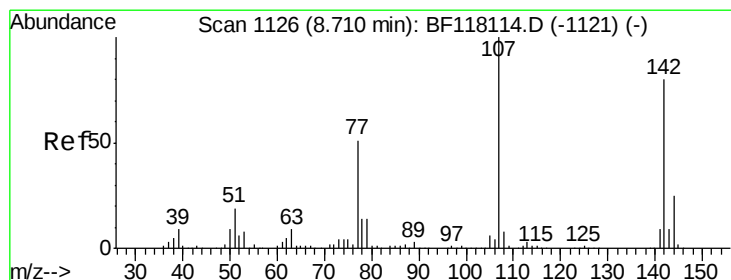
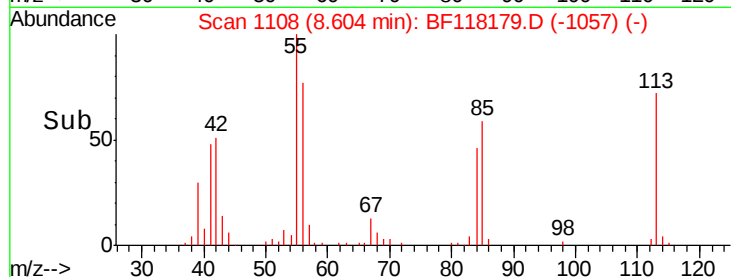
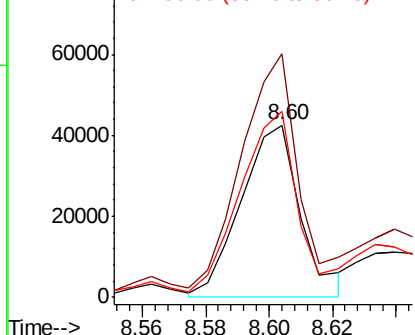
#35
 Caprolactam
 Concen: 25.976 ng
 RT: 8.60 min Scan# 1108
 Delta R.T. -0.00 min
 Lab File: BF118179.D
 Acq: 13 Dec 2019 11:53

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:113 Resp: 55166
 Ion Ratio Lower Upper
 113 100
 55 141.2 118.9 158.9
 56 108.0 91.4 131.4

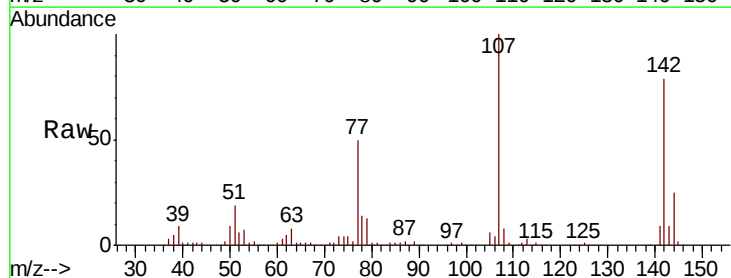


Abundance Ion 113.00 (112.70 to 113.70): E
 Ion 55.00 (54.70 to 55.70): BF1
 Ion 56.00 (55.70 to 56.70): BF1

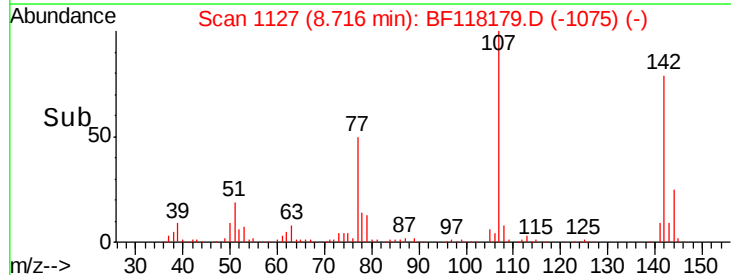
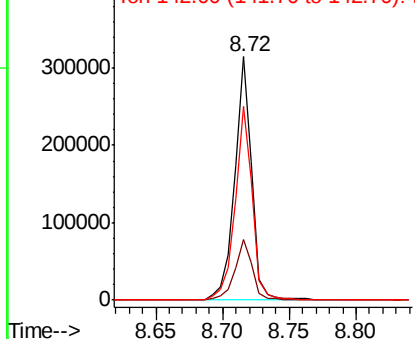


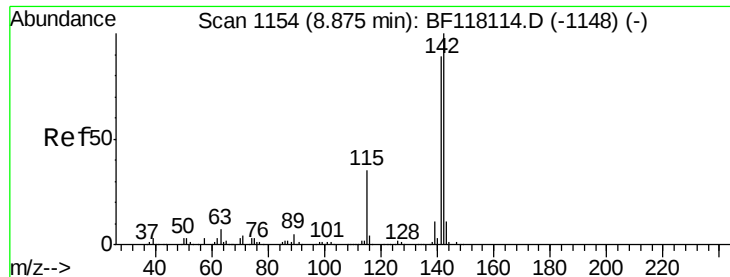
#36
 4-Chloro-3-methylphenol
 Concen: 38.983 ng
 RT: 8.72 min Scan# 1127
 Delta R.T. 0.01 min
 Lab File: BF118179.D
 Acq: 13 Dec 2019 11:53

Tgt Ion:107 Resp: 282514
 Ion Ratio Lower Upper
 107 100
 144 24.9 20.3 30.5
 142 79.5 63.7 95.5



Abundance Ion 107.00 (106.70 to 107.70): E
 Ion 144.00 (143.70 to 144.70): E
 Ion 142.00 (141.70 to 142.70): E

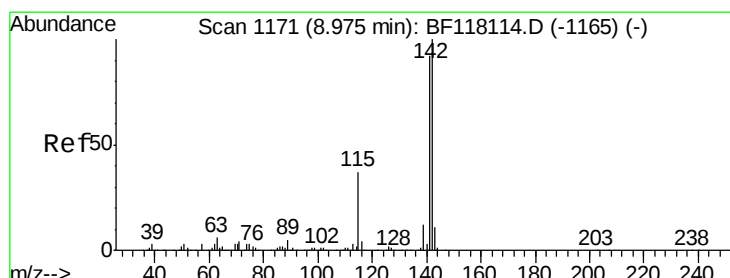
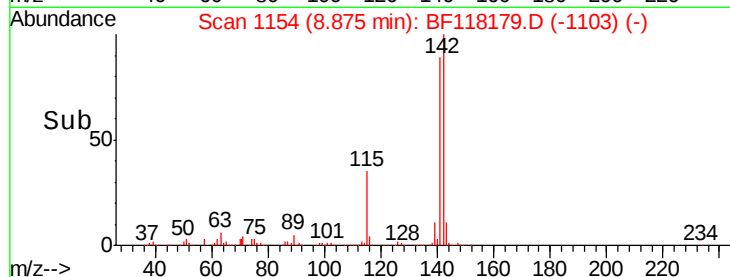
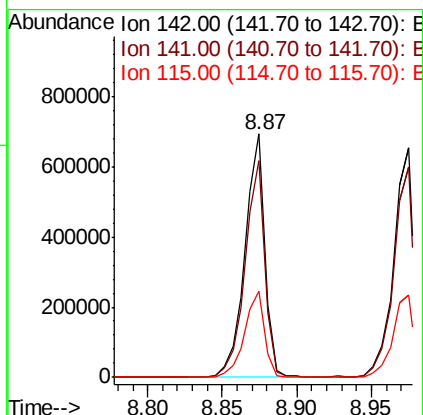
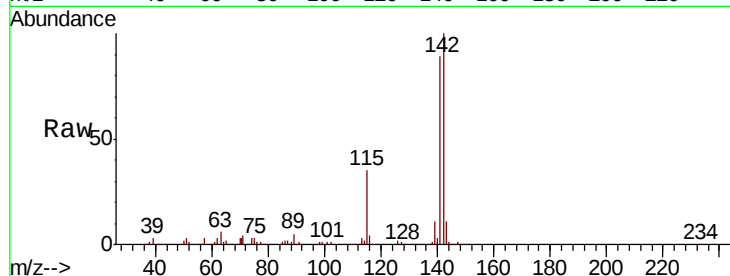




#37
2-Methylnaphthalene
Concen: 39.803 ng
RT: 8.87 min Scan# 1154
Delta R.T. -0.00 min
Lab File: BF118179.D
Acq: 13 Dec 2019 11:53

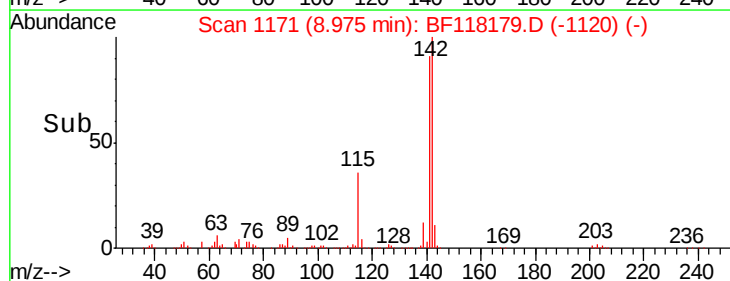
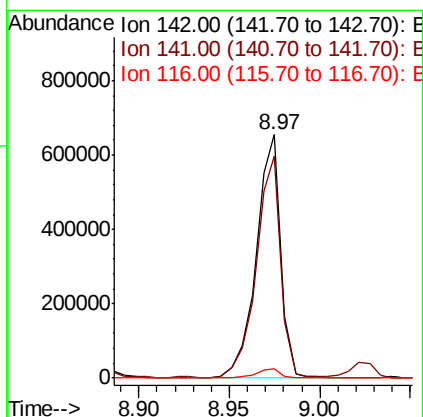
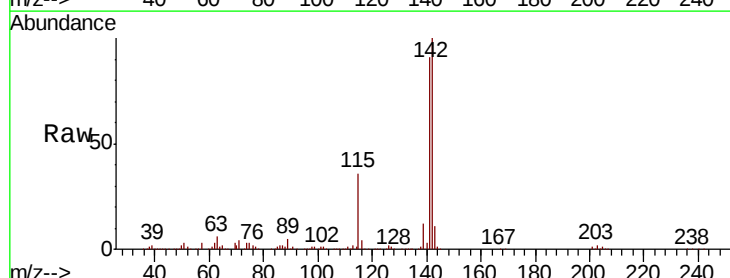
Instrument :
BNA_F
ClientSampleId :

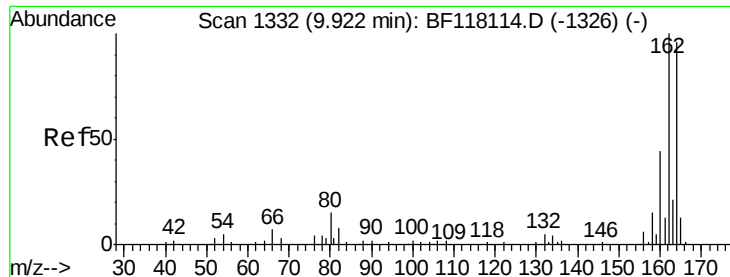
Tot Ion	Ratio	Lower	Upper
142	100		
141	89.2	71.4	107.0
115	35.3	28.2	42.4



#38
1-Methylnaphthalene
Concen: 40.232 ng
RT: 8.97 min Scan# 1171
Delta R.T. -0.00 min
Lab File: BF118179.D
Acq: 13 Dec 2019 11:53

Tgt Ion	Ratio	Lower	Upper
142	100		
141	91.3	74.0	111.0
116	3.6	3.2	4.8





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.92 min Scan# 1332

Delta R.T. -0.00 min

Lab File: BF118179.D

Acq: 13 Dec 2019 11:53

Instrument :

BNA_F

ClientSampleId :

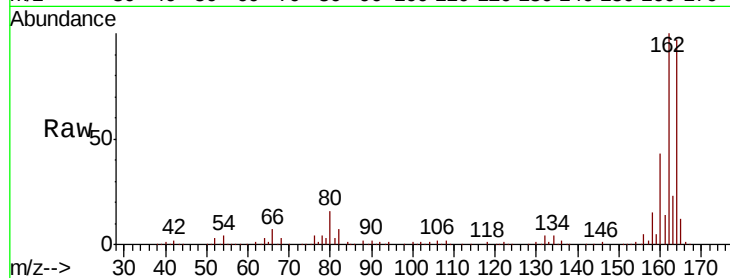
Tot Ion:164 Resp: 255675

Ion Ratio Lower Upper

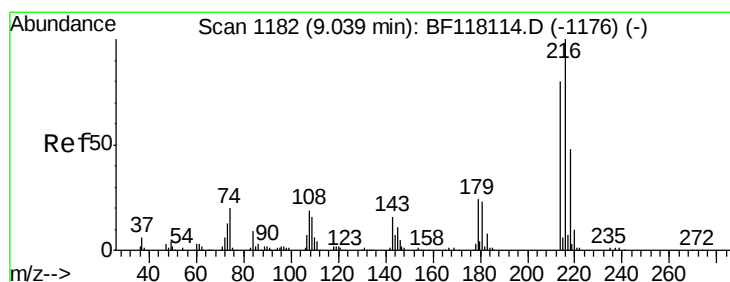
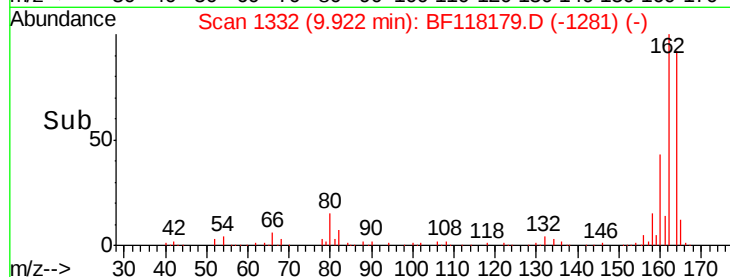
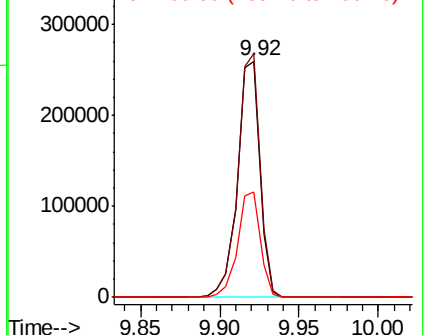
164 100

162 103.2 83.4 125.0

160 44.8 36.6 54.8



Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E



#40

1,2,4,5-Tetrachlorobenzene

Concen: 36.297 ng

RT: 9.04 min Scan# 1182

Delta R.T. -0.00 min

Lab File: BF118179.D

Acq: 13 Dec 2019 11:53

Tgt Ion:216 Resp: 281135

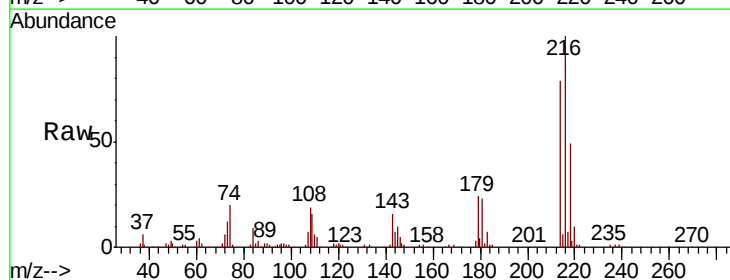
Ion Ratio Lower Upper

216 100

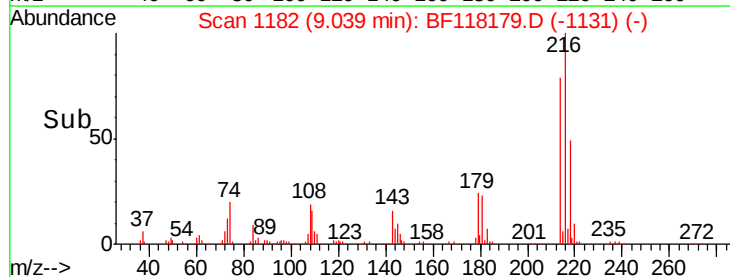
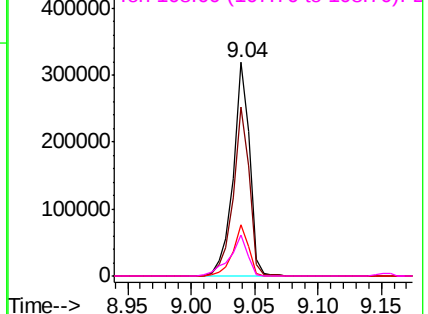
214 78.1 63.4 95.2

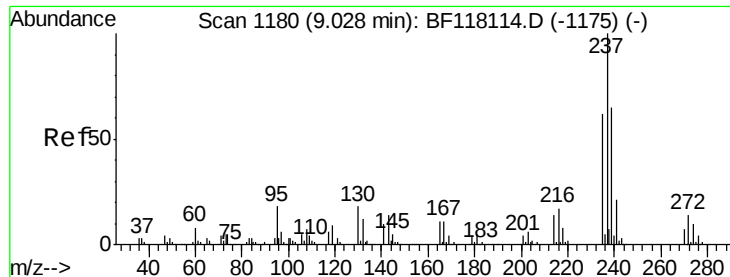
179 22.9 18.6 27.8

108 21.3 15.4 23.0



Abundance Ion 216.00 (215.70 to 216.70): E
Ion 214.00 (213.70 to 214.70): E
Ion 179.00 (178.70 to 179.70): E
Ion 108.00 (107.70 to 108.70): E





#41

Hexachlorocyclopentadiene

Concen: 91.828 ng

RT: 9.03 min Scan# 1180

Delta R.T. -0.00 min

Lab File: BF118179.D

Acq: 13 Dec 2019 11:53

Instrument :

BNA_F

ClientSampleId :

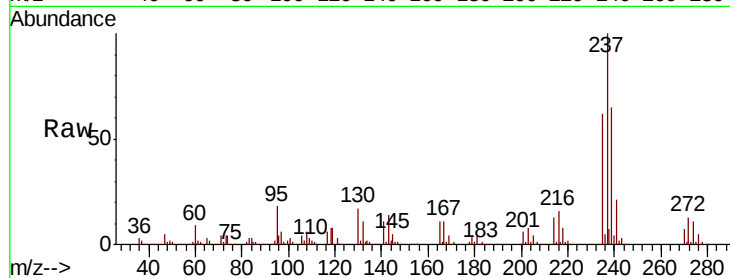
Tot Ion:237 Resp: 318668

Ion Ratio Lower Upper

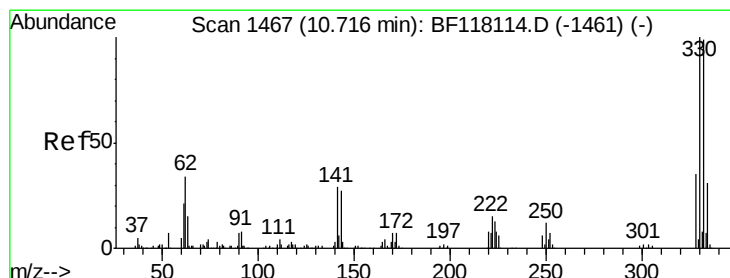
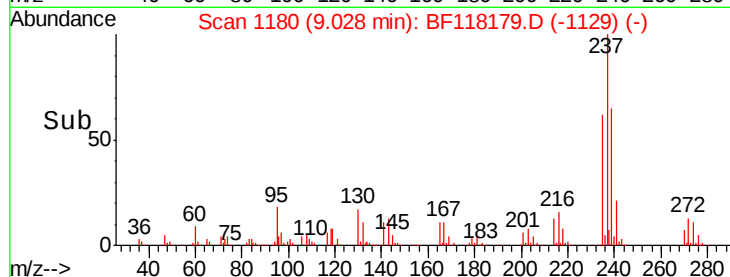
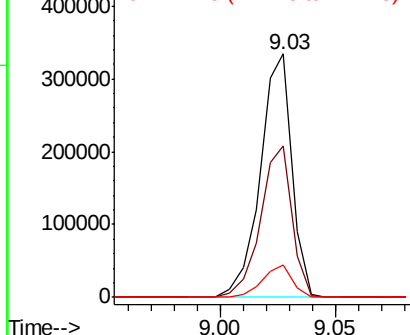
237 100

235 62.3 41.5 81.5

272 13.3 0.0 33.7



Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E



#42

2,4,6-Tribromophenol

Concen: 102.139 ng

RT: 10.72 min Scan# 1467

Delta R.T. -0.00 min

Lab File: BF118179.D

Acq: 13 Dec 2019 11:53

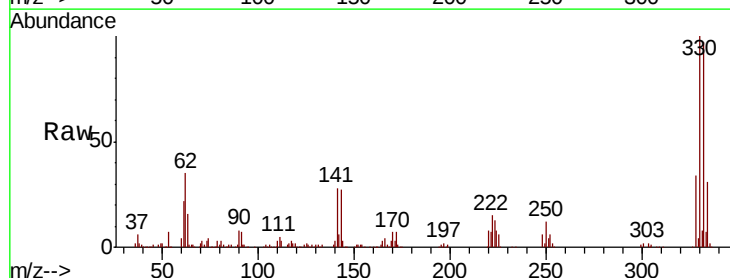
Tgt Ion:330 Resp: 317243

Ion Ratio Lower Upper

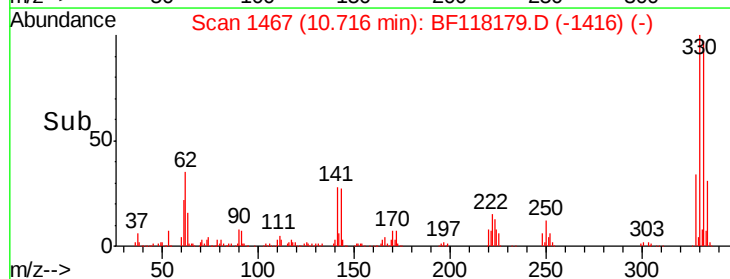
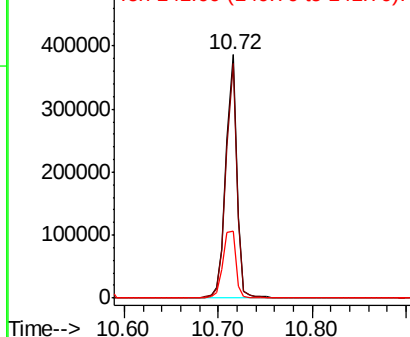
330 100

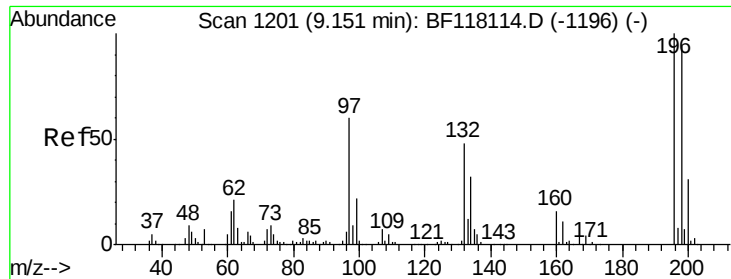
332 95.7 78.1 117.1

141 32.7 26.9 40.3



Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E

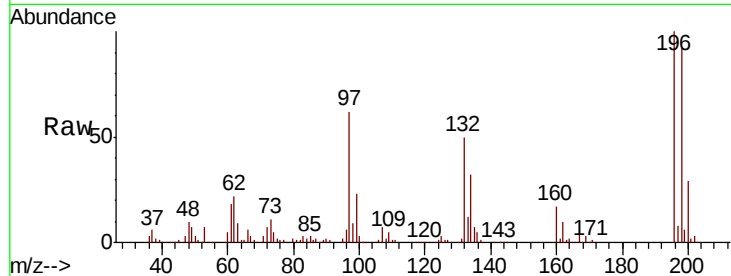




#43
 2,4,6-Trichlorophenol
 Concen: 37.972 ng
 RT: 9.15 min Scan# 1201
 Delta R.T. -0.00 min
 Lab File: BF118179.D
 Acq: 13 Dec 2019 11:53

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	196	Resp	196371
Ion Ratio	Lower	Upper	
196	100		
198	92.1	75.0	112.4
200	29.0	24.5	36.7

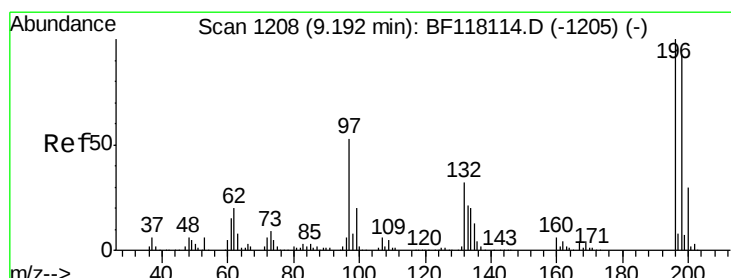
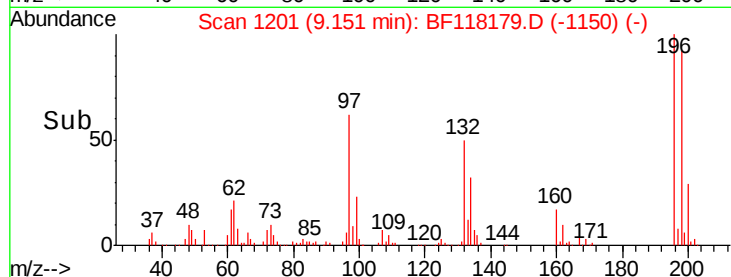
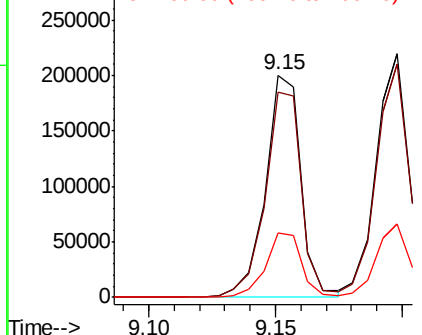


Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E



#44
 2,4,5-Trichlorophenol
 Concen: 39.141 ng
 RT: 9.20 min Scan# 1209
 Delta R.T. 0.01 min
 Lab File: BF118179.D
 Acq: 13 Dec 2019 11:53

Tgt Ion	196	Resp	209711
Ion Ratio	Lower	Upper	
196	100		
198	95.9	74.2	111.4
97	45.8	42.5	63.7
132	27.9	25.4	38.2

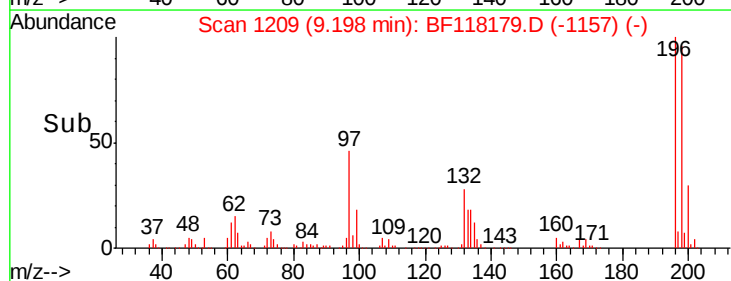
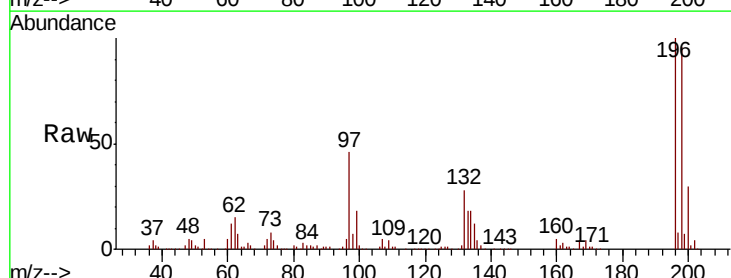
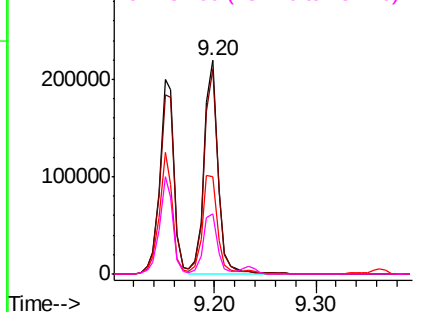
Abundance

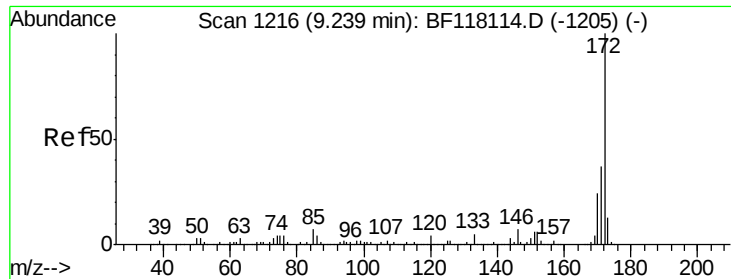
Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 97.00 (96.70 to 97.70): BF1

Ion 132.00 (131.70 to 132.70): E

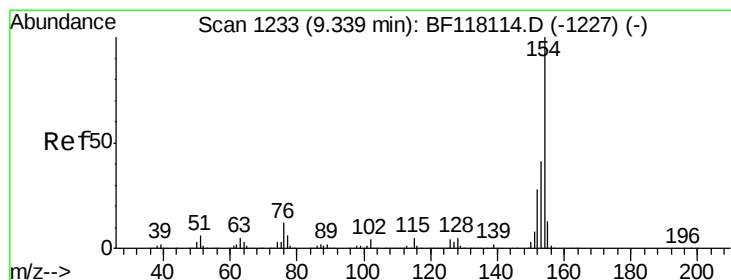
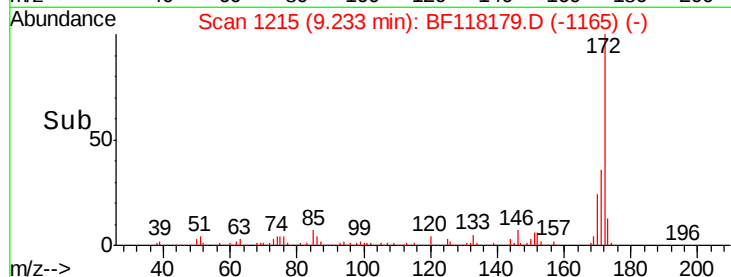
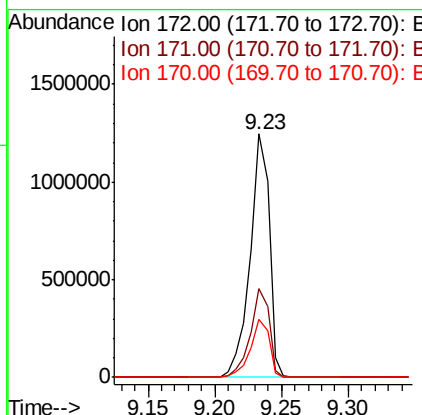
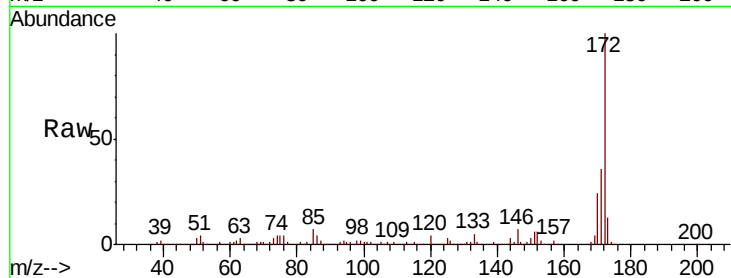




#45
2-Fluorobiphenyl
Concen: 72.672 ng
RT: 9.23 min Scan# 1215
Delta R.T. -0.01 min
Lab File: BF118179.D
Acq: 13 Dec 2019 11:53

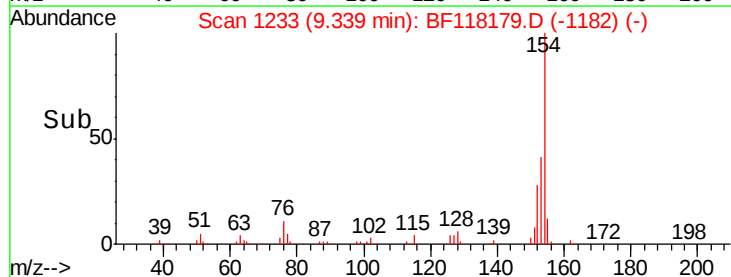
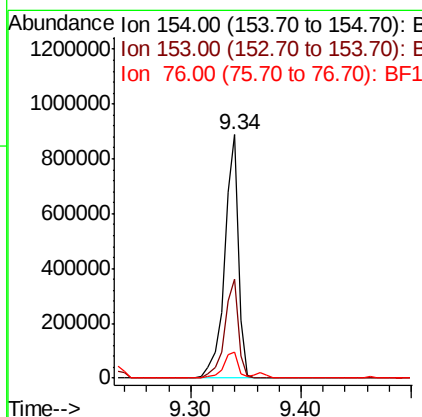
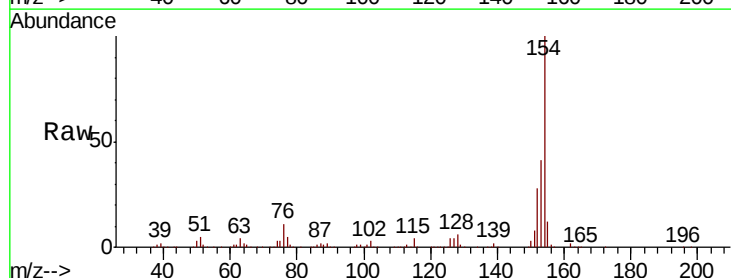
Instrument :
BNA_F
ClientSampleId :

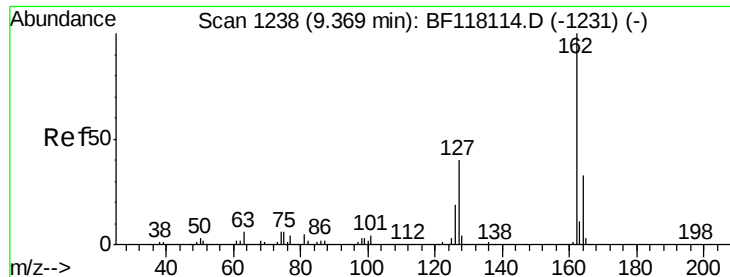
Tot Ion:172 Resp: 1221070
Ion Ratio Lower Upper
172 100
171 36.5 29.2 43.8
170 23.7 19.4 29.2



#46
1,1'-Biphenyl
Concen: 38.188 ng
RT: 9.34 min Scan# 1233
Delta R.T. -0.00 min
Lab File: BF118179.D
Acq: 13 Dec 2019 11:53

Tgt Ion:154 Resp: 770049
Ion Ratio Lower Upper
154 100
153 40.6 20.7 60.7
76 10.5 0.0 31.9

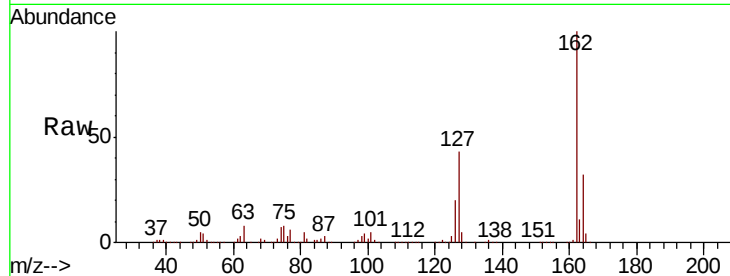




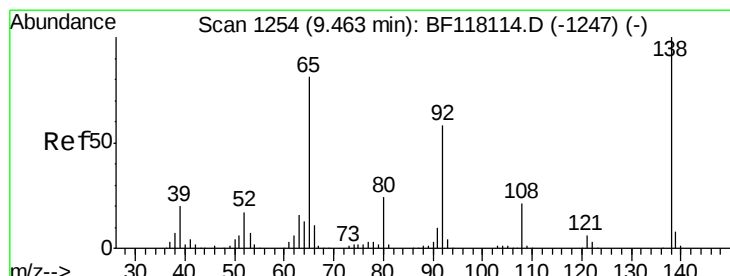
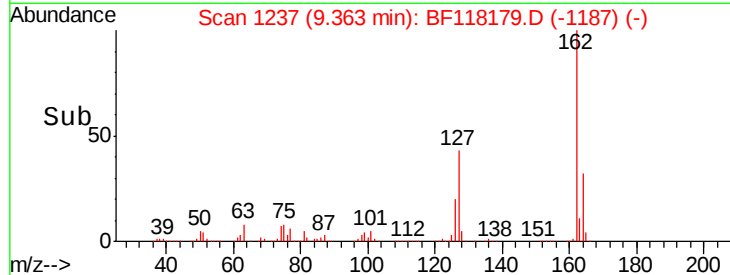
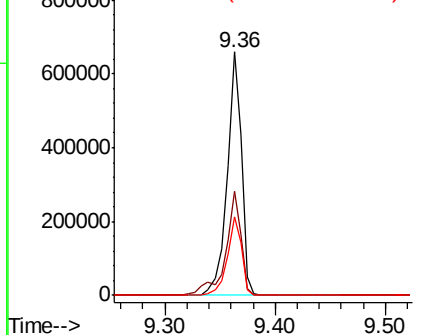
#47
 2-Chloronaphthalene
 Concen: 37.009 ng
 RT: 9.36 min Scan# 1237
 Delta R.T. -0.01 min
 Lab File: BF118179.D
 Acq: 13 Dec 2019 11:53

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
127	42.7	32.0	48.0
164	32.2	26.1	39.1

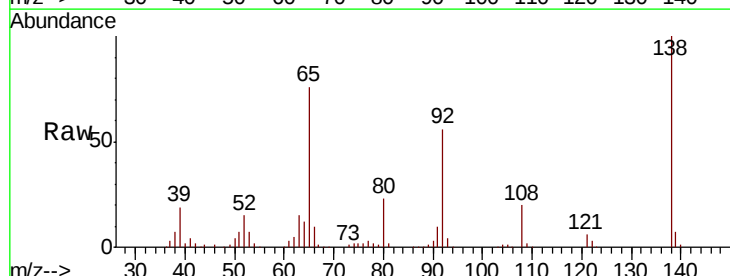


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

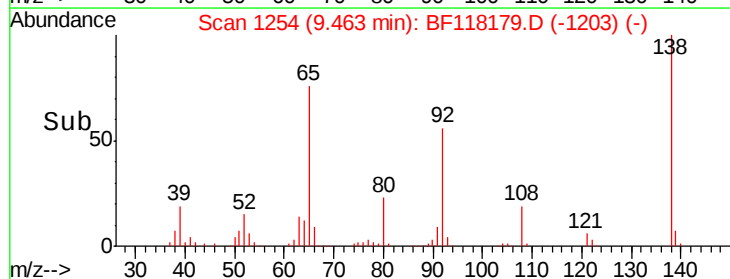
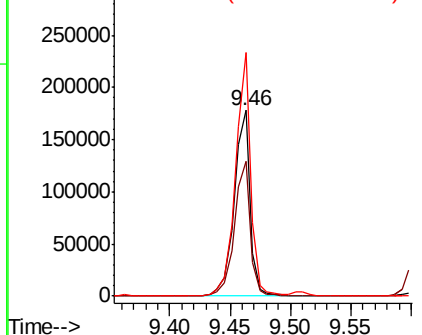


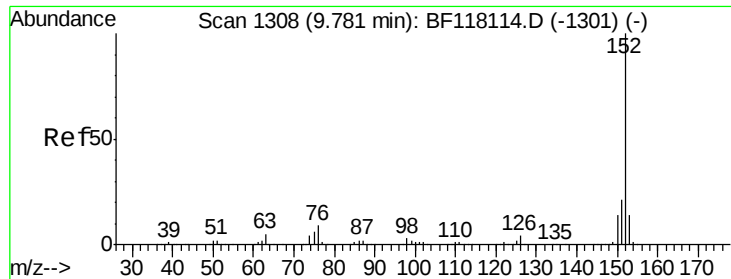
#48
 2-Nitroaniline
 Concen: 35.909 ng
 RT: 9.46 min Scan# 1254
 Delta R.T. -0.00 min
 Lab File: BF118179.D
 Acq: 13 Dec 2019 11:53

Tgt Ion	Ratio	Lower	Upper
65	100		
92	72.8	57.8	86.6
138	131.0	98.8	148.2



Abundance Ion 65.00 (64.70 to 65.70): BF1
 Ion 92.00 (91.70 to 92.70): BF1
 Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 39.758 ng

RT: 9.78 min Scan# 1308

Delta R.T. -0.00 min

Lab File: BF118179.D

Acq: 13 Dec 2019 11:53

Instrument :

BNA_F

ClientSampled :

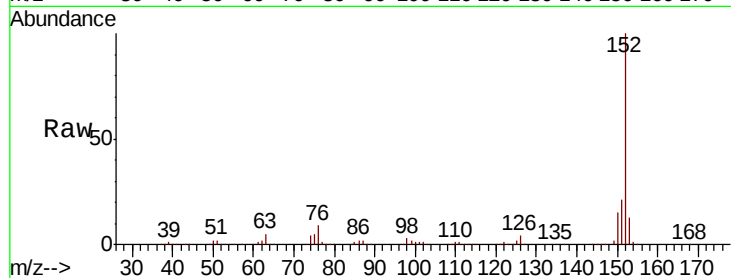
Tot Ion:152 Resp: 951179

Ion Ratio Lower Upper

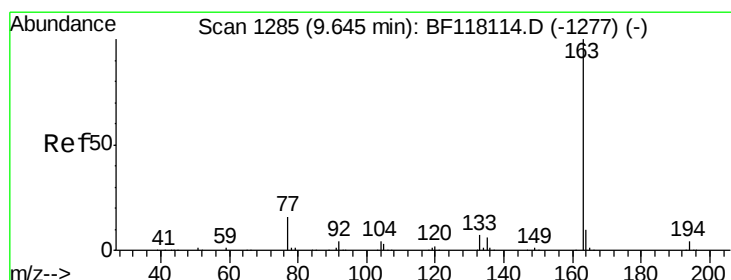
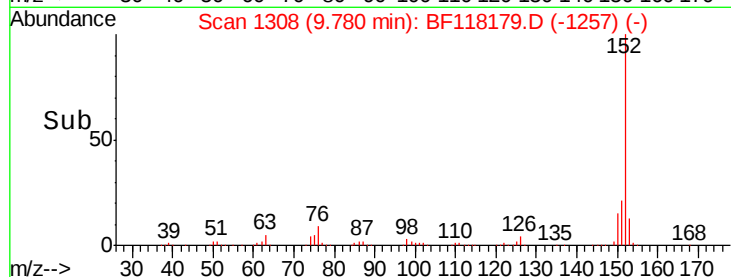
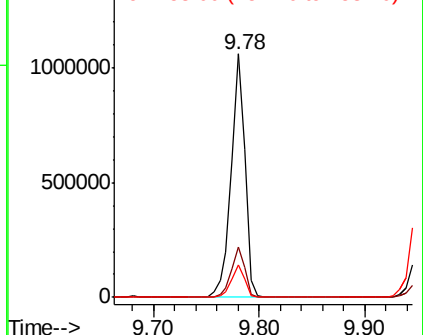
152 100

151 20.8 16.4 24.6

153 13.2 10.8 16.2



Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 37.132 ng

RT: 9.64 min Scan# 1284

Delta R.T. -0.01 min

Lab File: BF118179.D

Acq: 13 Dec 2019 11:53

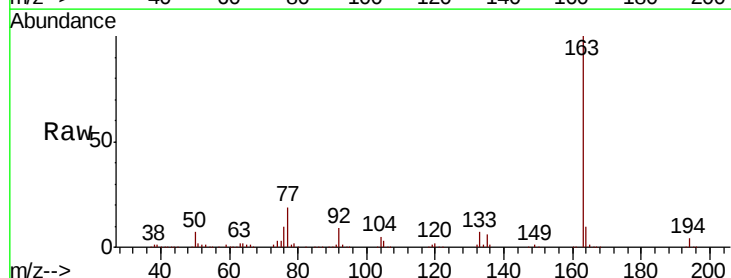
Tgt Ion:163 Resp: 701250

Ion Ratio Lower Upper

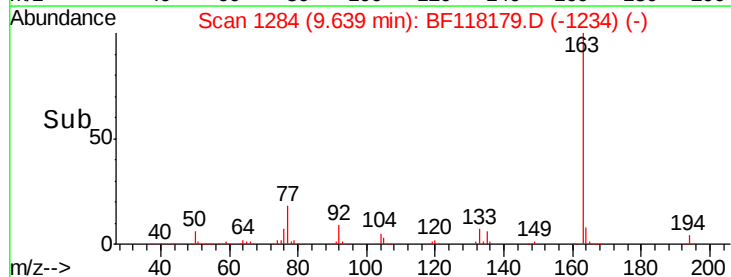
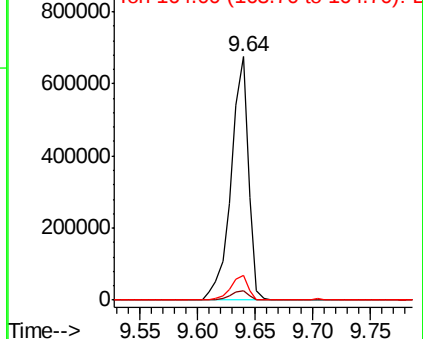
163 100

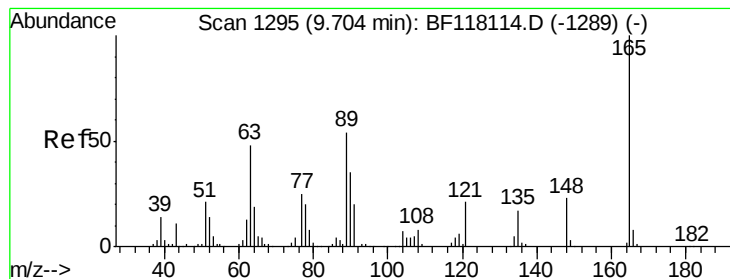
194 4.0 3.1 4.7

164 10.3 7.7 11.5



Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E





#51

2,6-Dinitrotoluene

Concen: 37.736 ng

RT: 9.70 min Scan# 1295

Delta R.T. -0.00 min

Lab File: BF118179.D

Acq: 13 Dec 2019 11:53

Instrument :

BNA_F

ClientSampleId :

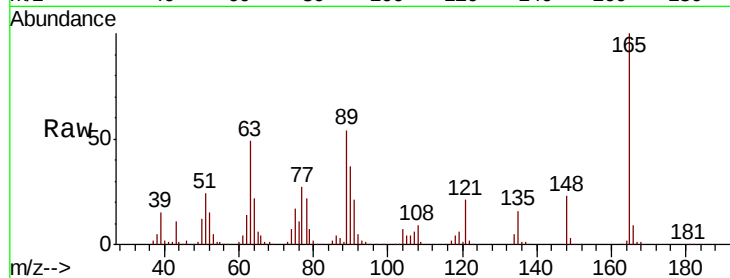
Tot Ion:165 Resp: 154964

Ion Ratio Lower Upper

165 100

63 49.3 41.4 62.0

89 53.6 42.9 64.3



Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1

250000

200000

150000

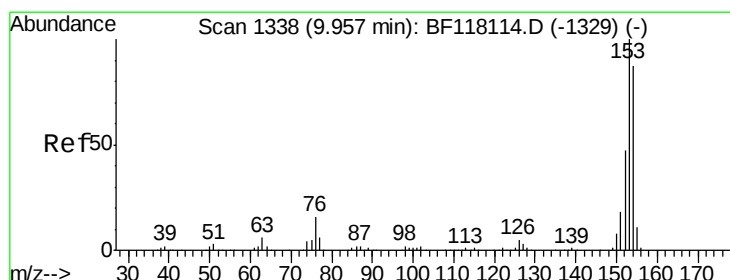
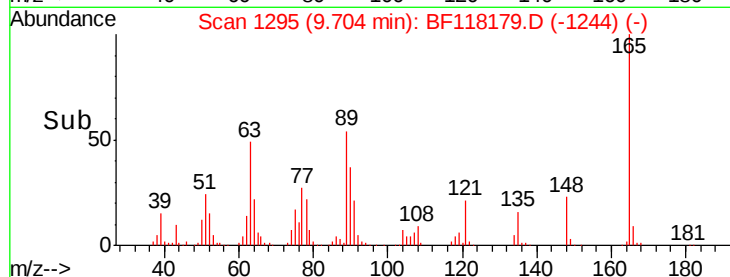
100000

50000

0

9.65 9.70 9.75

Time-->



#52

Acenaphthene

Concen: 37.388 ng

RT: 9.95 min Scan# 1337

Delta R.T. -0.01 min

Lab File: BF118179.D

Acq: 13 Dec 2019 11:53

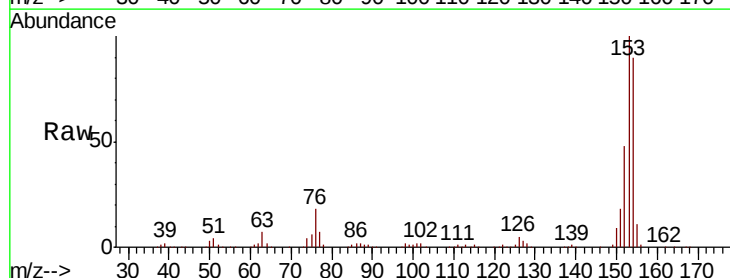
Tgt Ion:154 Resp: 545969

Ion Ratio Lower Upper

154 100

153 111.0 91.8 137.6

152 53.2 43.3 64.9



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

800000

600000

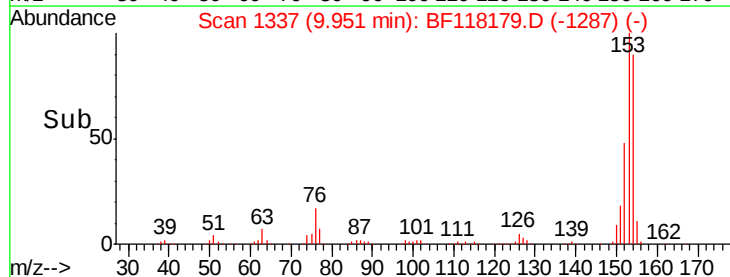
400000

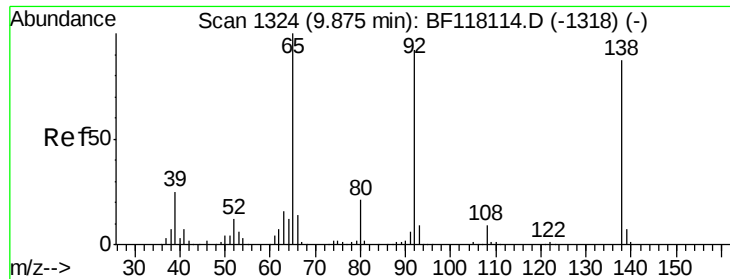
200000

0

9.90 9.95

Time-->

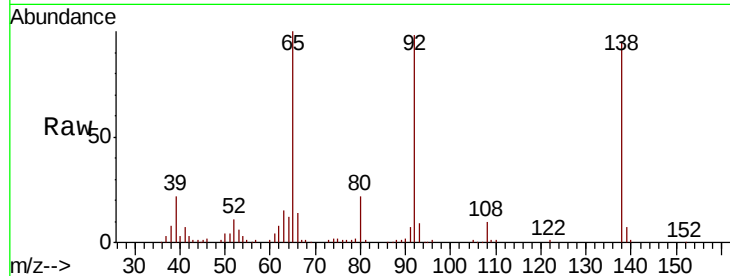




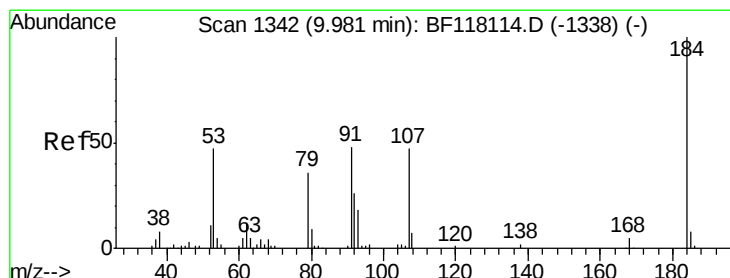
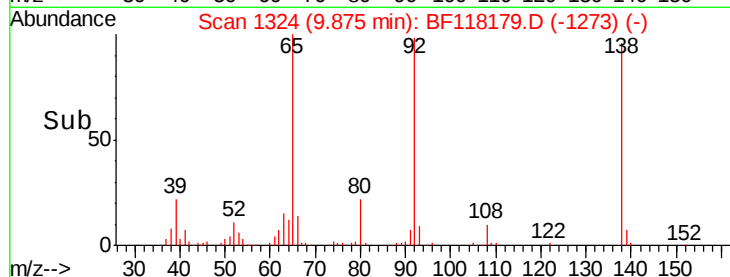
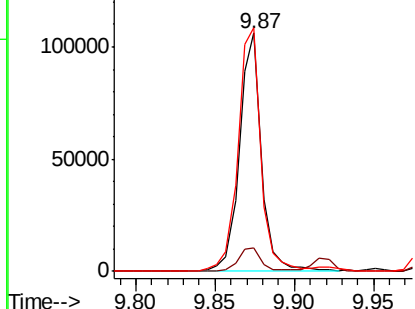
#53
3-Nitroaniline
Concen: 21.112 ng
RT: 9.87 min Scan# 1324
Delta R.T. -0.00 min
Lab File: BF118179.D
Acq: 13 Dec 2019 11:53

Instrument :
BNA_F
ClientSampleId :

Tot Ion:138 Resp: 102027
Ion Ratio Lower Upper
138 100
108 10.1 8.2 12.4
92 102.1 84.9 127.3

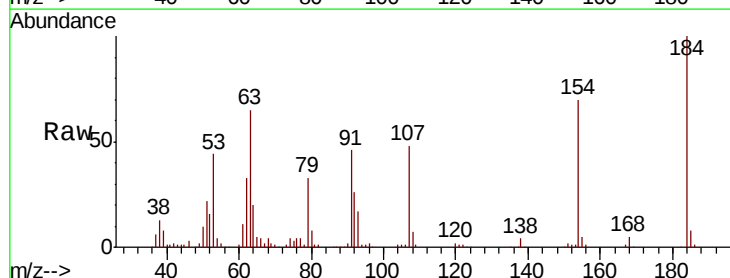


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF1

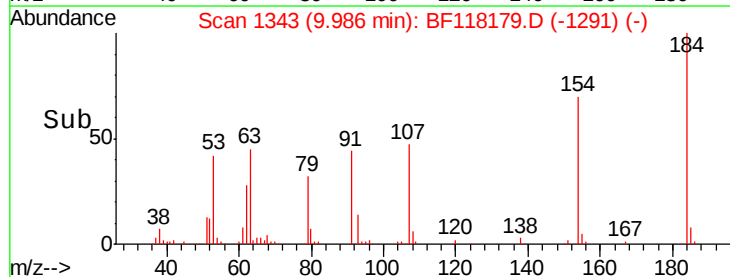
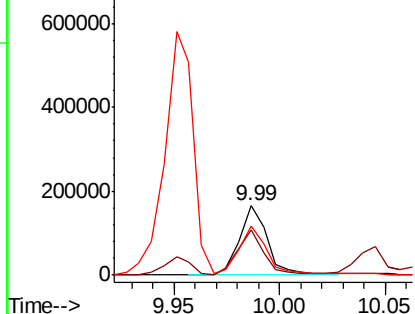


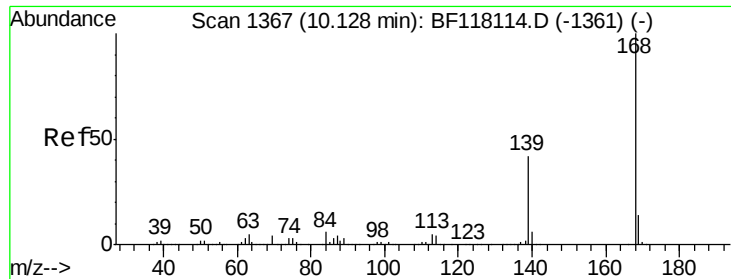
#54
2,4-Dinitrophenol
Concen: 75.139 ng
RT: 9.99 min Scan# 1343
Delta R.T. 0.01 min
Lab File: BF118179.D
Acq: 13 Dec 2019 11:53

Tgt Ion:184 Resp: 153511
Ion Ratio Lower Upper
184 100
63 64.7 53.9 80.9
154 70.3 56.3 84.5



Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 154.00 (153.70 to 154.70): E

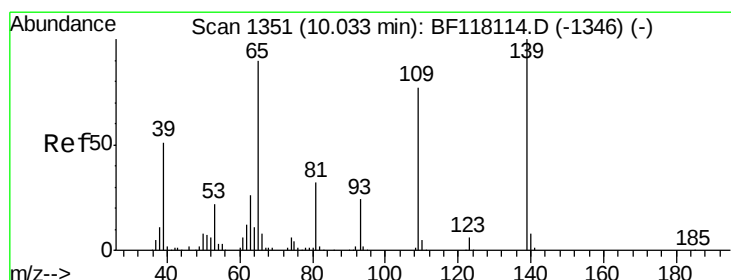
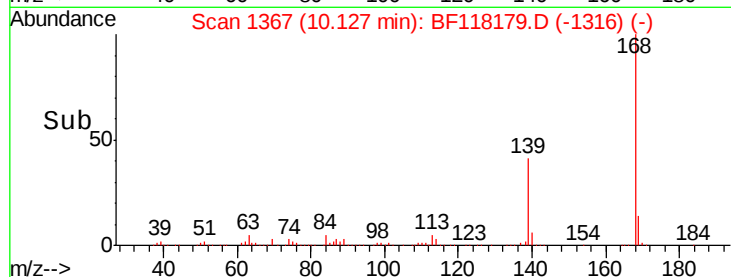
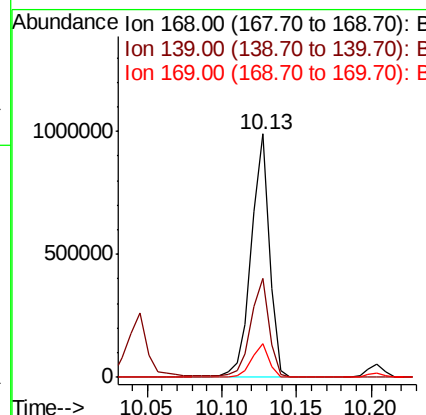
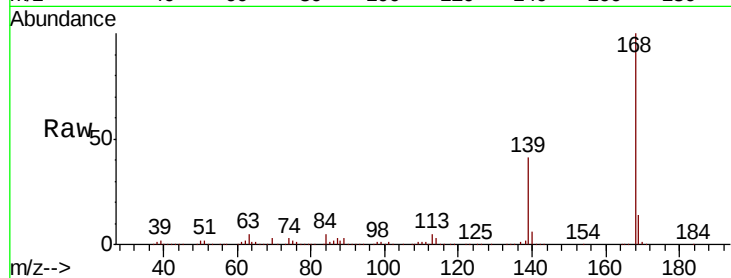




#55
Dibenzenofuran
Concen: 39.013 ng
RT: 10.13 min Scan# 1367
Delta R.T. -0.00 min
Lab File: BF118179.D
Acq: 13 Dec 2019 11:53

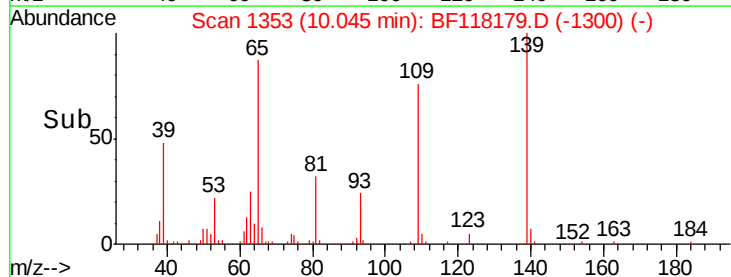
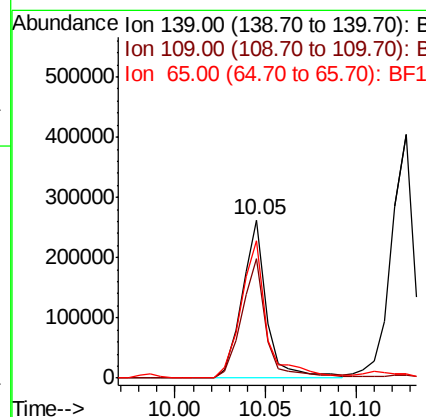
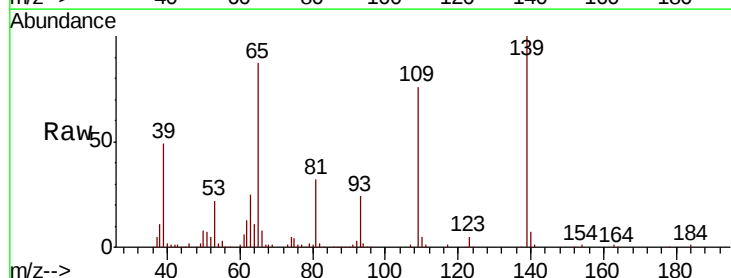
Instrument :
BNA_F
ClientSampled :

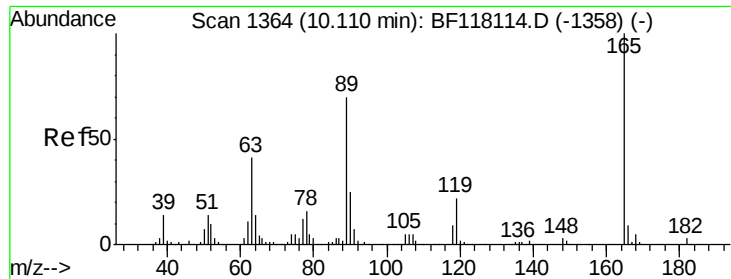
Tot Ion:168 Resp: 834752
Ion Ratio Lower Upper
168 100
139 40.8 33.4 50.0
169 13.6 11.0 16.6



#56
4-Nitrophenol
Concen: 73.920 ng
RT: 10.05 min Scan# 1353
Delta R.T. 0.01 min
Lab File: BF118179.D
Acq: 13 Dec 2019 11:53

Tgt Ion:139 Resp: 247915
Ion Ratio Lower Upper
139 100
109 75.8 57.3 97.3
65 87.0 70.2 110.2

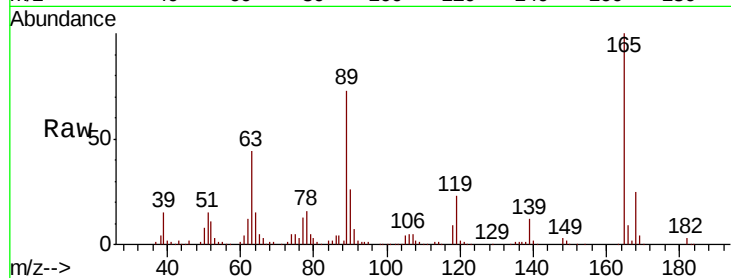




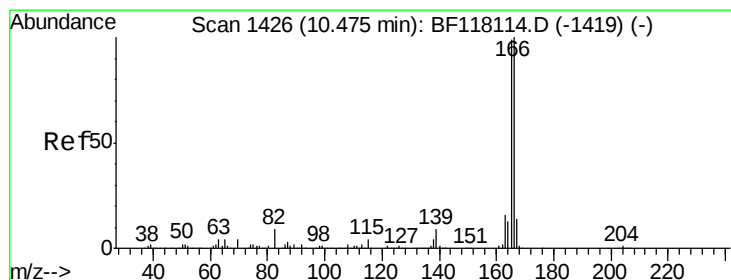
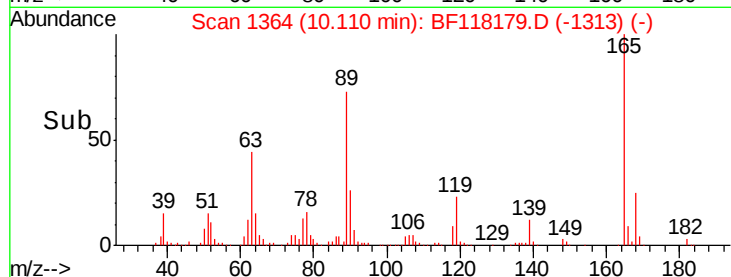
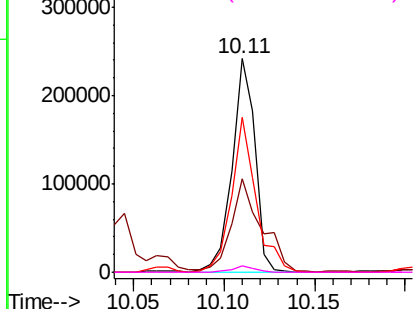
#57
2,4-Dinitrotoluene
Concen: 38.983 ng
RT: 10.11 min Scan# 1364
Delta R.T. -0.00 min
Lab File: BF118179.D
Acq: 13 Dec 2019 11:53

Instrument :
BNA_F
ClientSampleId :

Tot Ion:165	Resp:	213670
Ion	Ratio	Lower Upper
165	100	
63	43.9	32.6 49.0
89	72.5	56.1 84.1
182	3.0	2.1 3.1

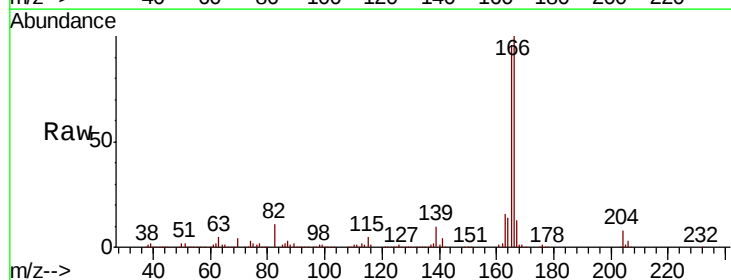


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1
Ion 182.00 (181.70 to 182.70): E

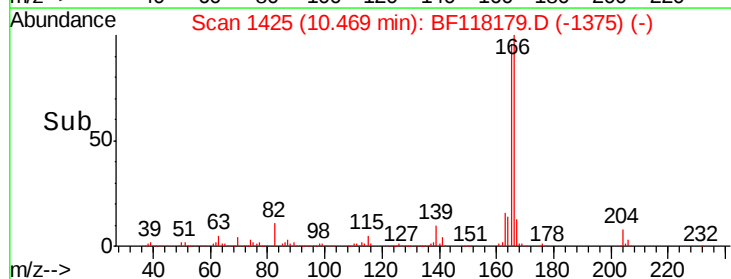
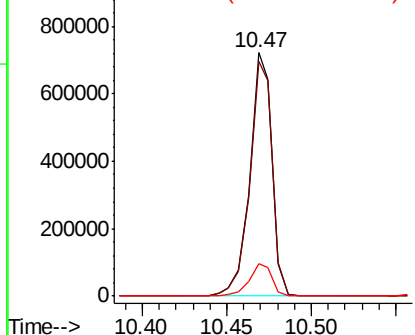


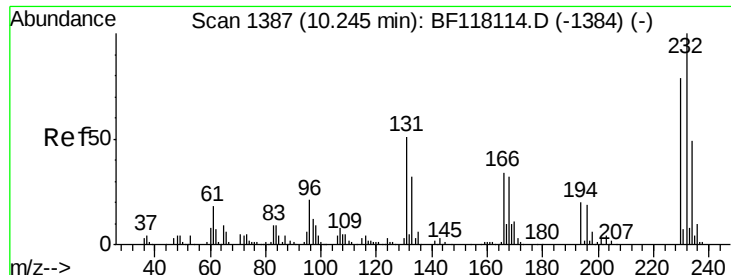
#58
Fluorene
Concen: 39.041 ng
RT: 10.47 min Scan# 1425
Delta R.T. -0.01 min
Lab File: BF118179.D
Acq: 13 Dec 2019 11:53

Tgt Ion:166	Resp:	663860
Ion	Ratio	Lower Upper
166	100	
165	96.3	79.0 118.4
167	13.4	10.9 16.3



Abundance Ion 166.00 (165.70 to 166.70): E
Ion 165.00 (164.70 to 165.70): E
Ion 167.00 (166.70 to 167.70): E

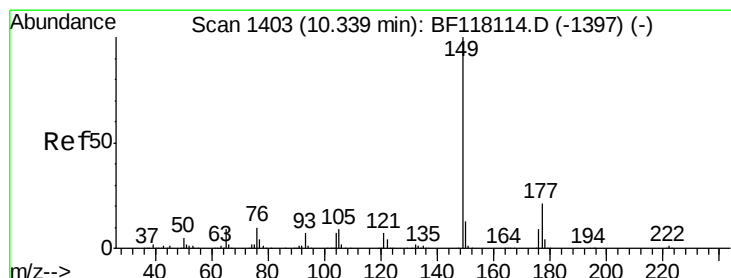
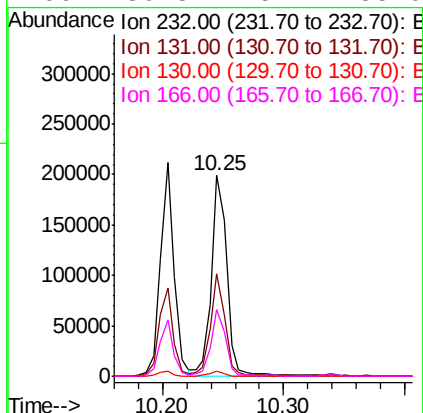
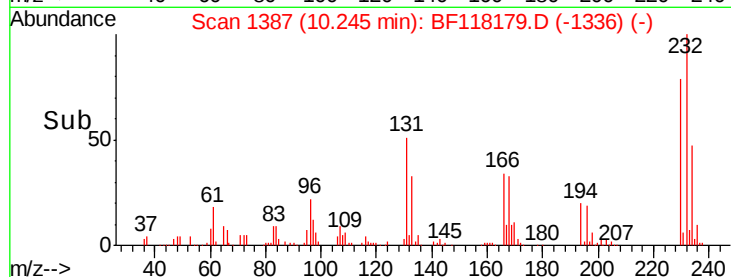
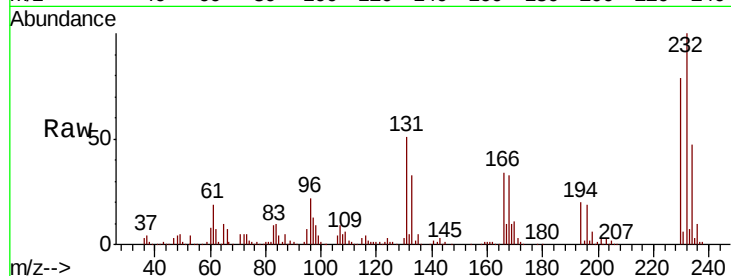




#59
2,3,4,6-Tetrachlorophenol
Concen: 39.748 ng
RT: 10.25 min Scan# 1387
Delta R.T. -0.00 min
Lab File: BF118179.D
Acq: 13 Dec 2019 11:53

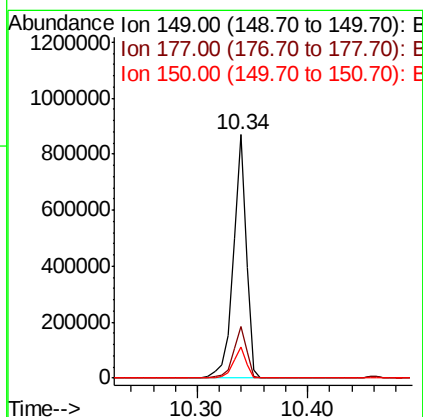
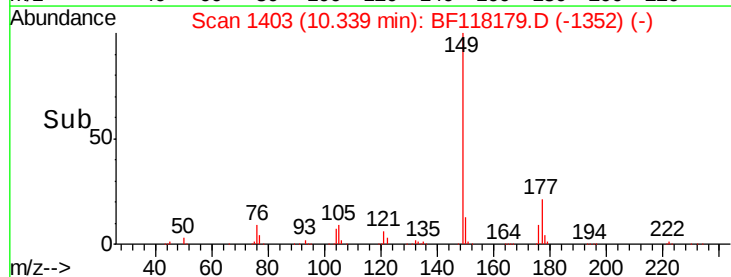
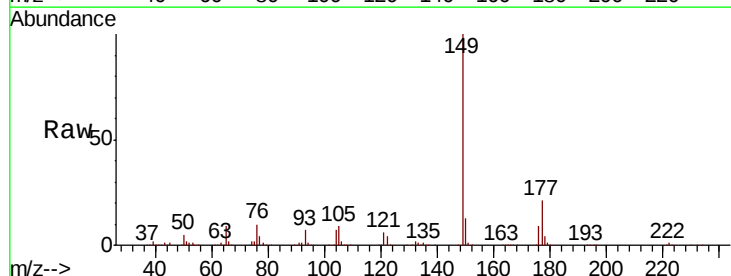
Instrument :
BNA_F
ClientSampleId :

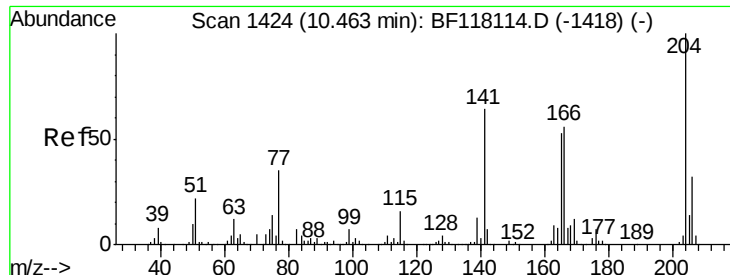
Tot Ion	Ratio	Lower	Upper
232	100		
131	47.3	38.8	58.2
130	2.4	1.9	2.9
166	30.8	25.4	38.0



#60
Diethylphthalate
Concen: 38.486 ng
RT: 10.34 min Scan# 1403
Delta R.T. -0.00 min
Lab File: BF118179.D
Acq: 13 Dec 2019 11:53

Tgt Ion	Ratio	Lower	Upper
149	100		
177	21.5	17.0	25.4
150	12.9	10.1	15.1

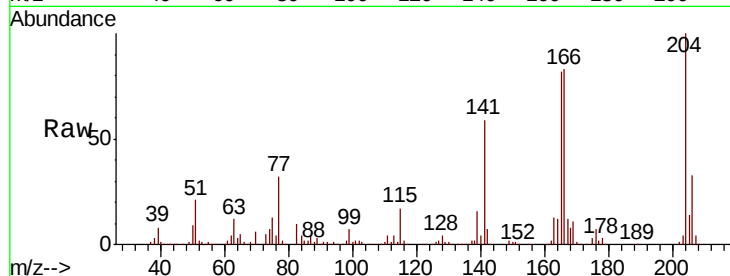




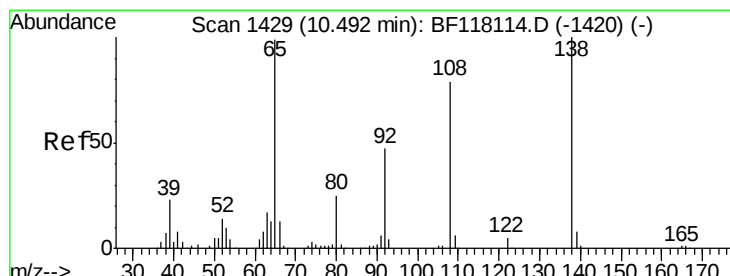
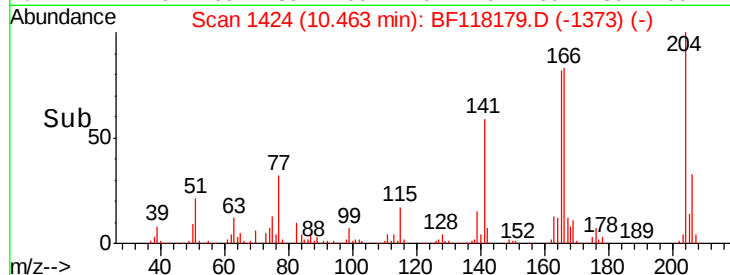
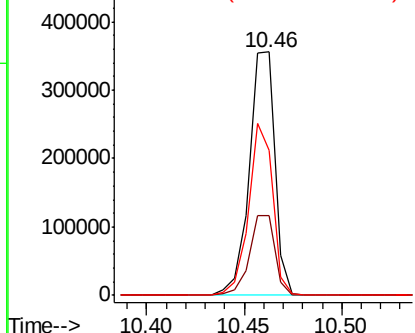
#61
4-Chlorophenyl-phenylether
Concen: 38.149 ng
RT: 10.46 min Scan# 1424
Delta R.T. -0.00 min
Lab File: BF118179.D
Acq: 13 Dec 2019 11:53

Instrument :
BNA_F
ClientSampled :

Tot Ion:204 Resp: 326387
Ion Ratio Lower Upper
204 100
206 32.7 26.0 39.0
141 59.3 51.0 76.6

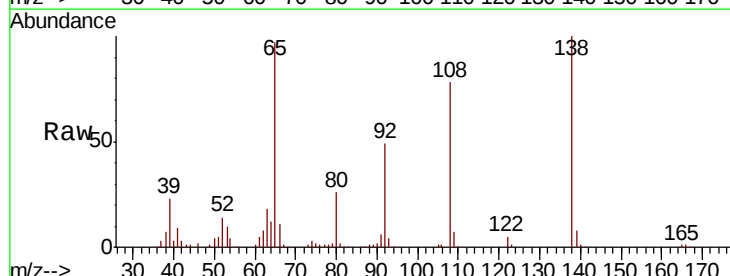


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

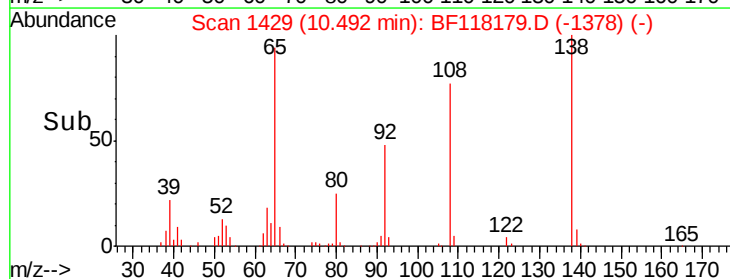
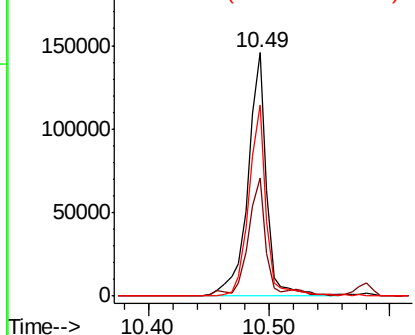


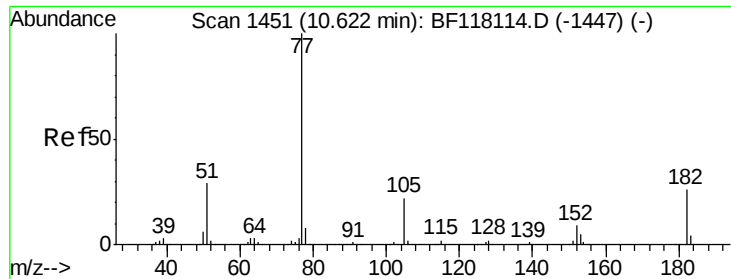
#62
4-Nitroaniline
Concen: 31.209 ng
RT: 10.49 min Scan# 1429
Delta R.T. -0.00 min
Lab File: BF118179.D
Acq: 13 Dec 2019 11:53

Tgt Ion:138 Resp: 157303
Ion Ratio Lower Upper
138 100
92 48.6 27.1 67.1
108 78.4 59.0 99.0



Abundance Ion 138.00 (137.70 to 138.70): E
Ion 92.00 (91.70 to 92.70): BF1
Ion 108.00 (107.70 to 108.70): E

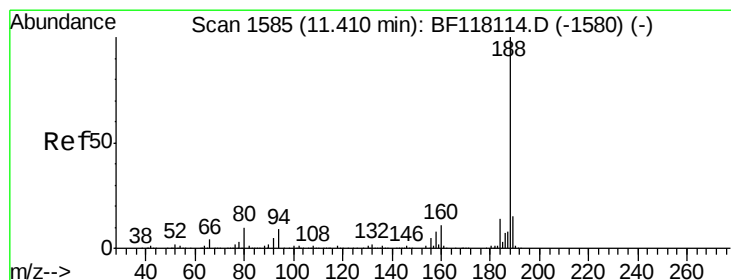
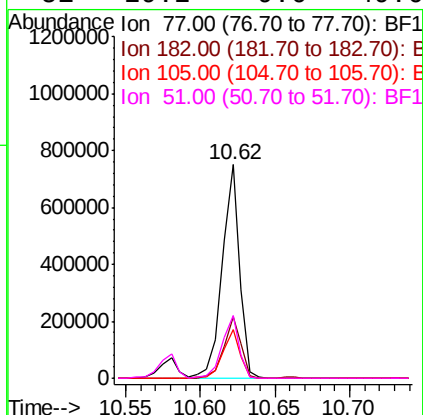
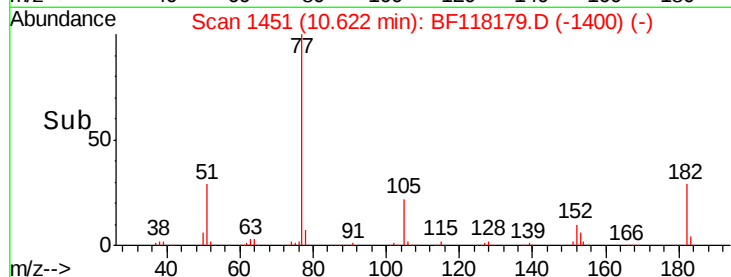
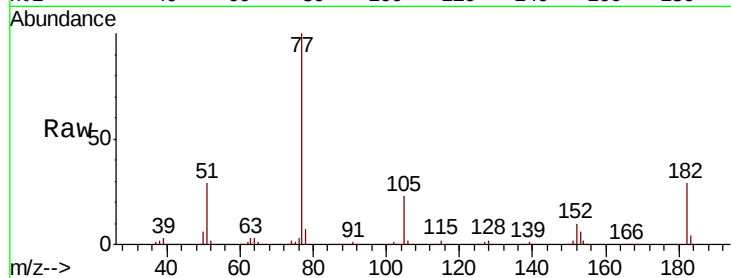




#63
Azobenzene
Concen: 38.878 ng
RT: 10.62 min Scan# 1451
Delta R.T. -0.00 min
Lab File: BF118179.D
Acq: 13 Dec 2019 11:53

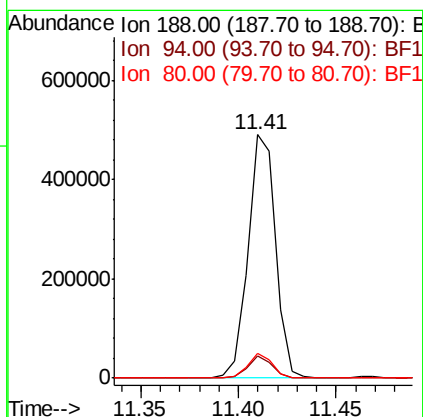
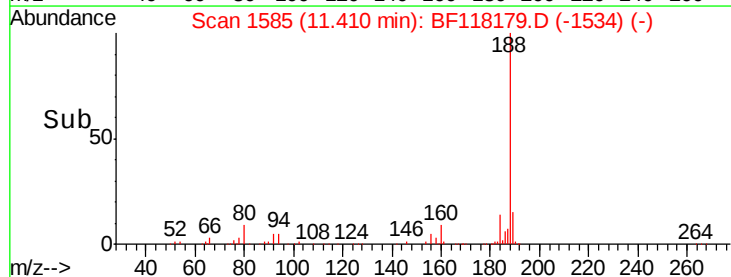
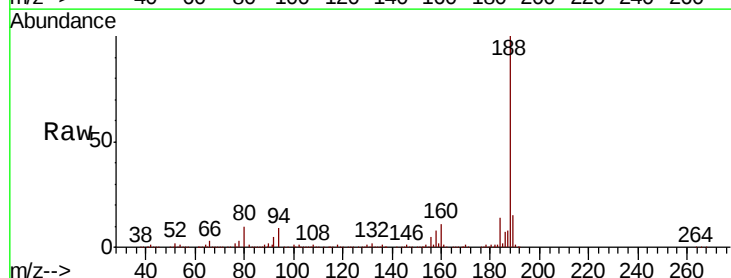
Instrument :
BNA_F
ClientSampleId :

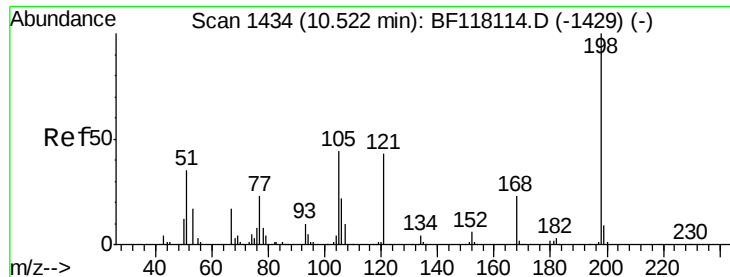
Tot Ion:	77	Resp:	617541
Ion	Ratio	Lower	Upper
77	100		
182	29.0	5.7	45.7
105	22.7	2.2	42.2
51	29.2	9.6	49.6



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.41 min Scan# 1585
Delta R.T. -0.00 min
Lab File: BF118179.D
Acq: 13 Dec 2019 11:53

Tgt Ion:	188	Resp:	478530
Ion	Ratio	Lower	Upper
188	100		
94	9.2	7.1	10.7
80	9.9	7.9	11.9

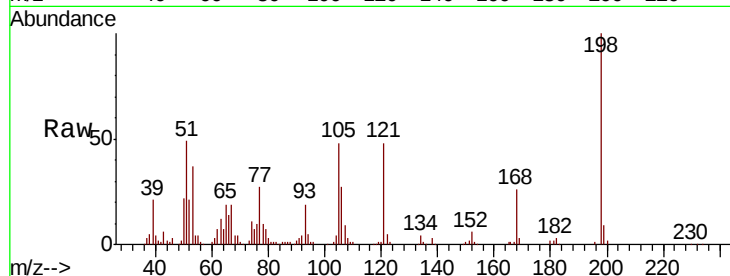




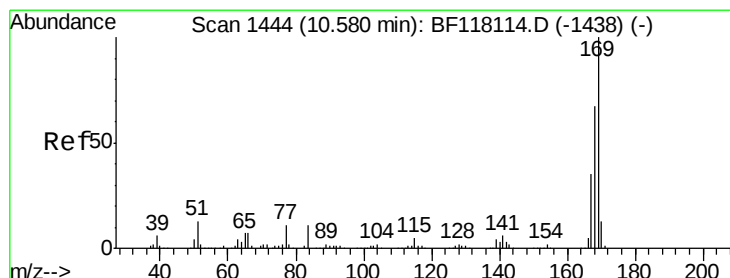
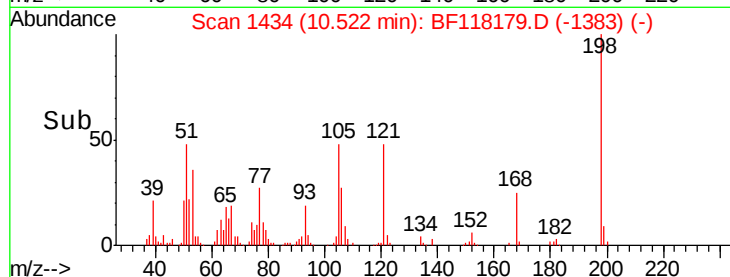
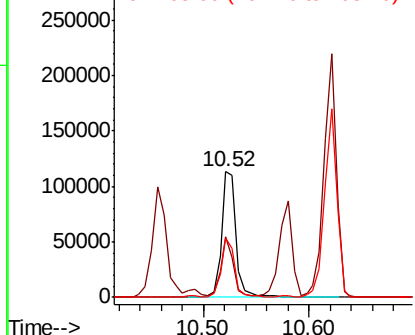
#65
4,6-Dinitro-2-methylphenol
Concen: 41.366 ng
RT: 10.52 min Scan# 1434
Delta R.T. -0.00 min
Lab File: BF118179.D
Acq: 13 Dec 2019 11:53

Instrument :
BNA_F
ClientSampleId :

Tot Ion:198 Resp: 109319
Ion Ratio Lower Upper
198 100
51 48.5 22.0 62.0
105 47.6 25.6 65.6

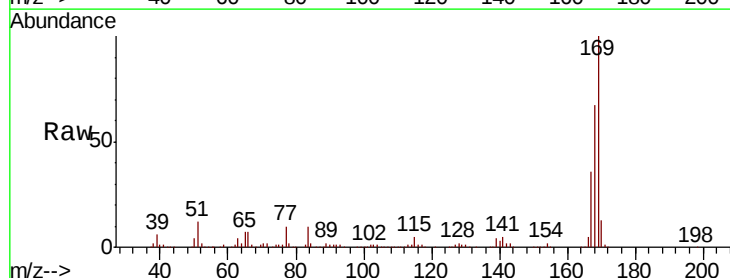


Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BF1
Ion 105.00 (104.70 to 105.70): E

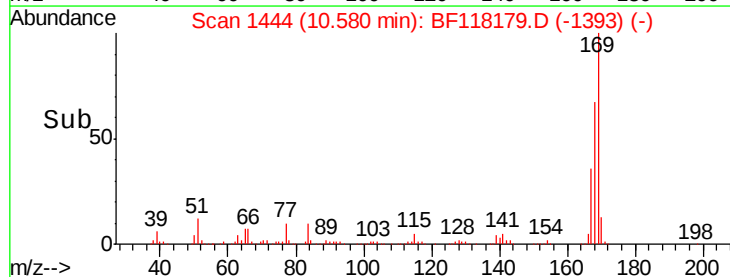
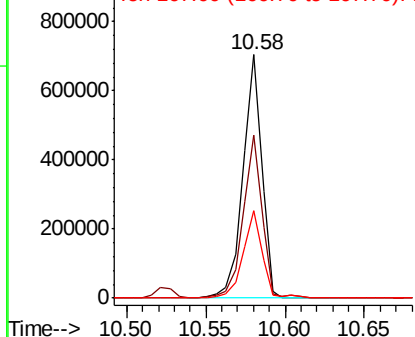


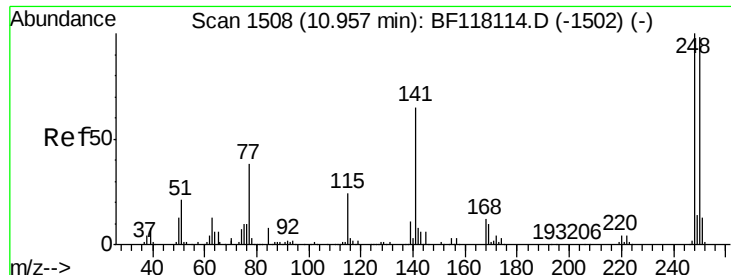
#66
n-Nitrosodiphenylamine
Concen: 38.842 ng
RT: 10.58 min Scan# 1444
Delta R.T. -0.00 min
Lab File: BF118179.D
Acq: 13 Dec 2019 11:53

Tgt Ion:169 Resp: 580436
Ion Ratio Lower Upper
169 100
168 67.2 53.4 80.2
167 36.0 28.4 42.6



Abundance Ion 169.00 (168.70 to 169.70): E
Ion 168.00 (167.70 to 168.70): E
Ion 167.00 (166.70 to 167.70): E

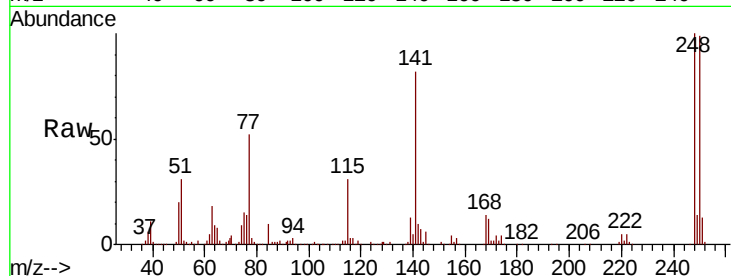




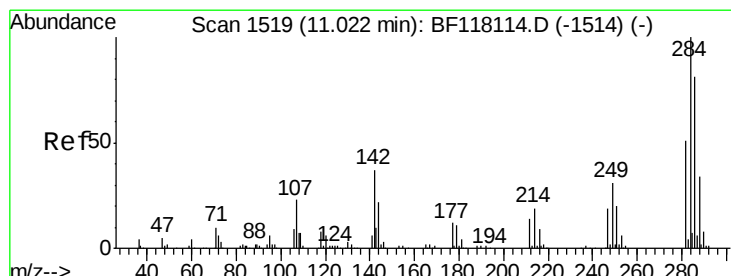
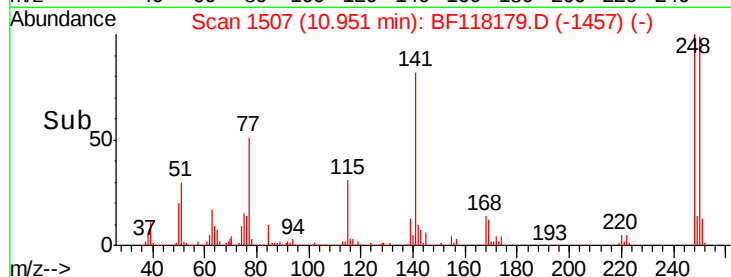
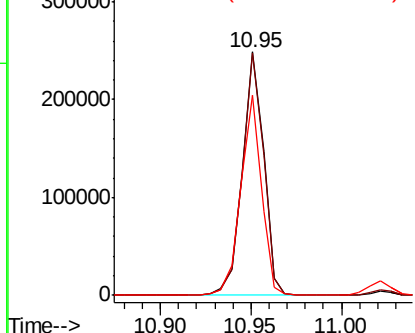
#67
4-Bromophenyl-phenylether
Concen: 37.312 ng
RT: 10.95 min Scan# 1507
Delta R.T. -0.01 min
Lab File: BF118179.D
Acq: 13 Dec 2019 11:53

Instrument :
BNA_F
ClientSampleId :

Tot Ion:248 Resp: 203818
Ion Ratio Lower Upper
248 100
250 99.3 78.3 117.5
141 82.4 52.2 78.4#

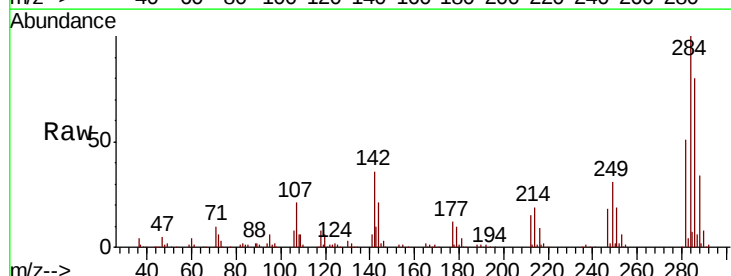


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

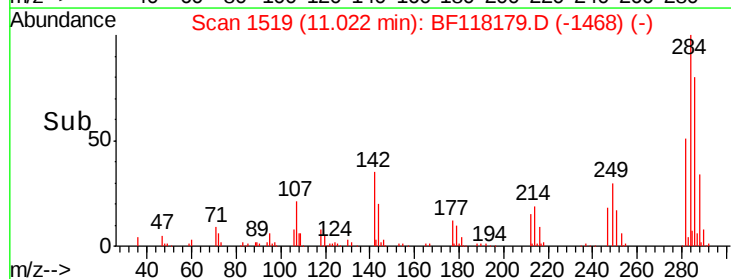
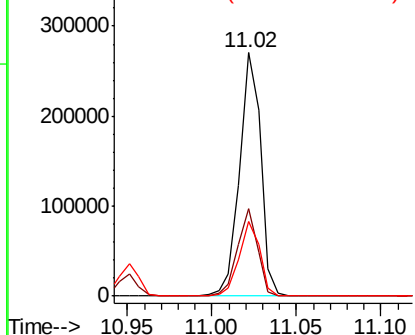


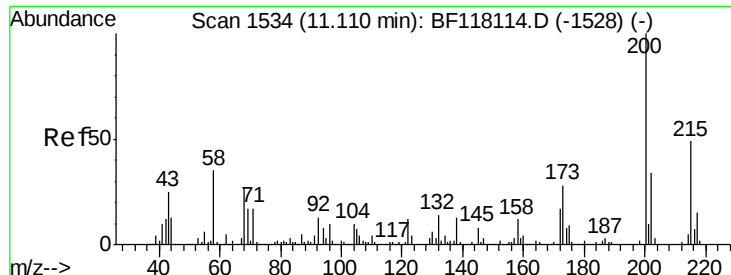
#68
Hexachlorobenzene
Concen: 36.713 ng
RT: 11.02 min Scan# 1519
Delta R.T. -0.00 min
Lab File: BF118179.D
Acq: 13 Dec 2019 11:53

Tgt Ion:284 Resp: 236043
Ion Ratio Lower Upper
284 100
142 36.0 29.7 44.5
249 30.7 24.6 37.0



Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

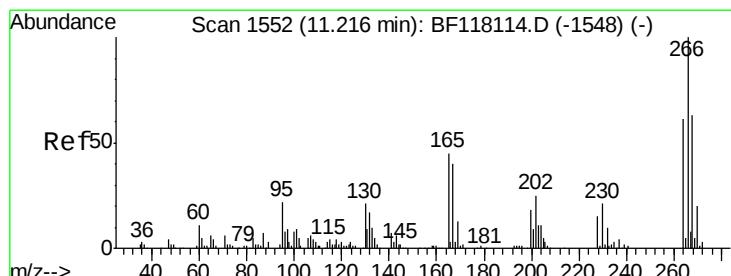
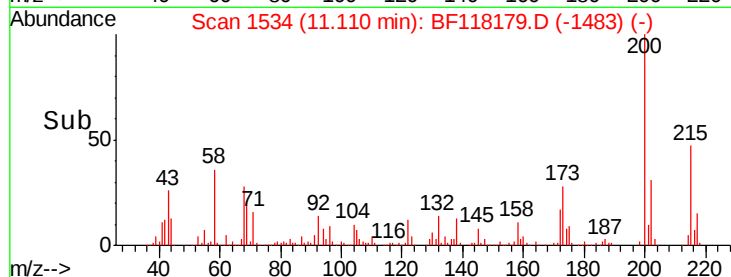
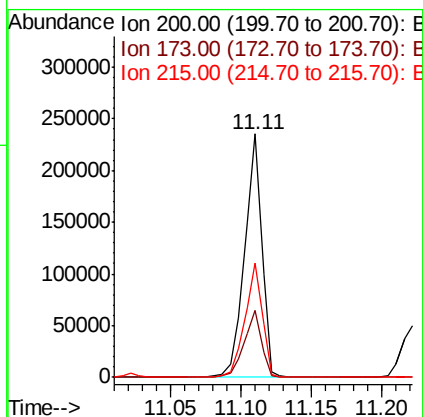
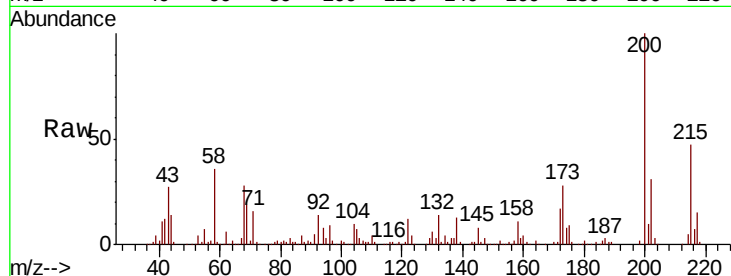




#69
Atrazine
Concen: 54.733 ng
RT: 11.11 min Scan# 1534
Delta R.T. 0.00 min
Lab File: BF118179.D
Acq: 13 Dec 2019 11:53

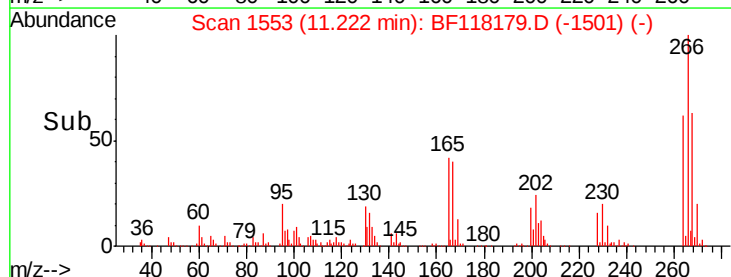
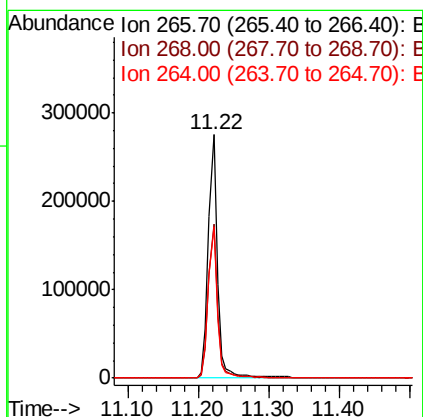
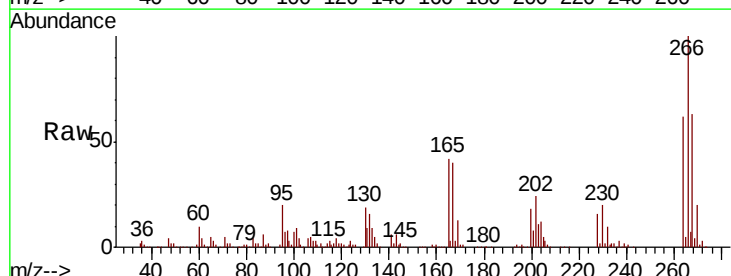
Instrument :
BNA_F
ClientSampleId :

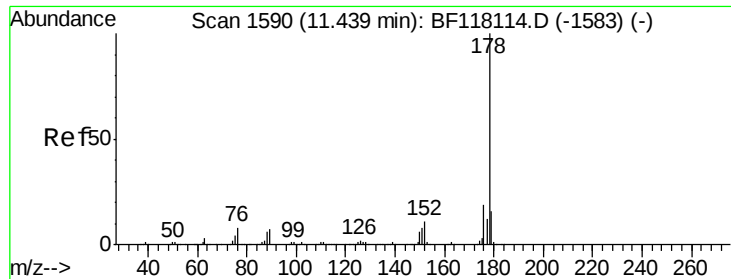
Tot Ion:200 Resp: 201587
Ion Ratio Lower Upper
200 100
173 27.8 8.1 48.1
215 47.1 29.0 69.0



#70
Pentachlorophenol
Concen: 83.152 ng
RT: 11.22 min Scan# 1553
Delta R.T. 0.01 min
Lab File: BF118179.D
Acq: 13 Dec 2019 11:53

Tgt Ion:266 Resp: 251419
Ion Ratio Lower Upper
266 100
268 63.1 50.7 76.1
264 62.1 48.7 73.1

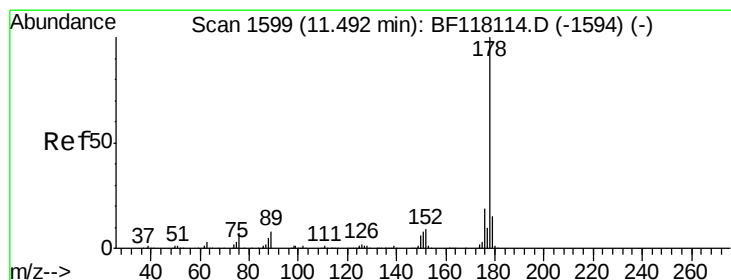
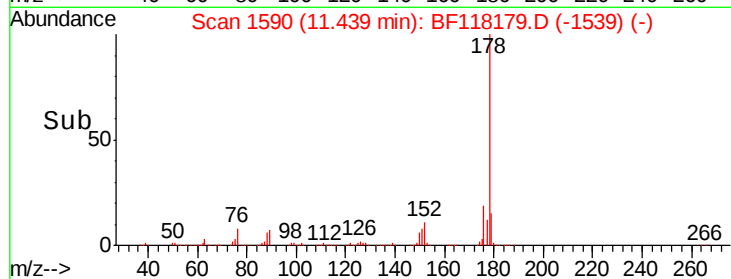
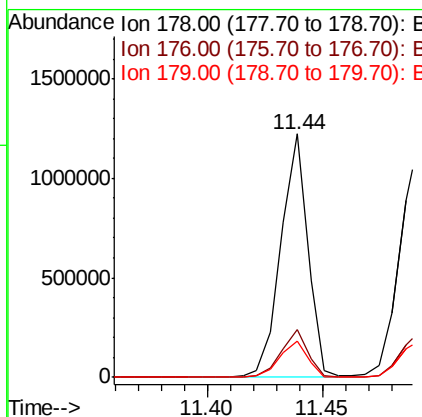
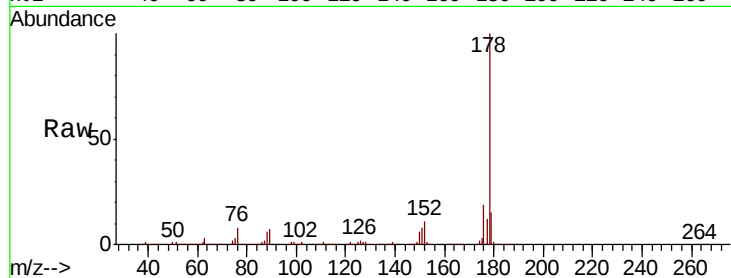




#71
Phenanthrene
Concen: 38.883 ng
RT: 11.44 min Scan# 1590
Delta R.T. -0.00 min
Lab File: BF118179.D
Acq: 13 Dec 2019 11:53

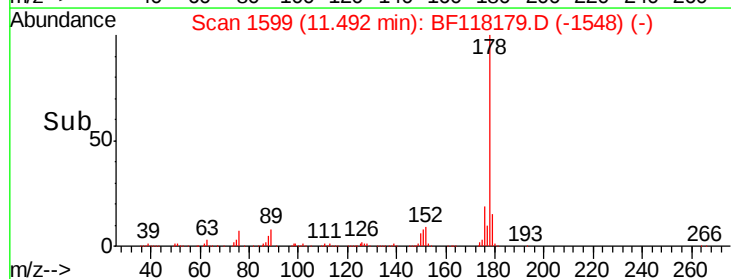
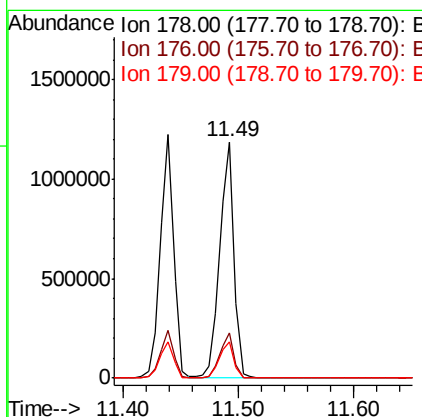
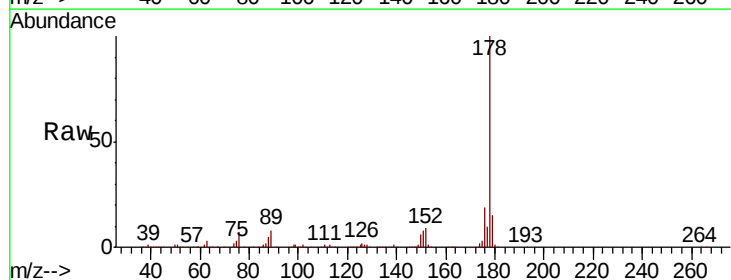
Instrument :
BNA_F
ClientSampleId :

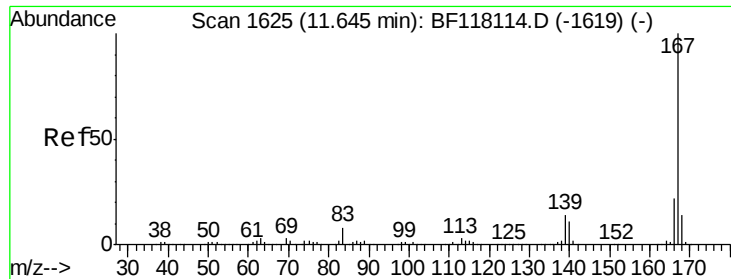
Tot Ion:178 Resp: 989107
Ion Ratio Lower Upper
178 100
176 19.4 15.5 23.3
179 15.1 12.6 18.8



#72
Anthracene
Concen: 40.274 ng
RT: 11.49 min Scan# 1599
Delta R.T. -0.00 min
Lab File: BF118179.D
Acq: 13 Dec 2019 11:53

Tgt Ion:178 Resp: 1022020
Ion Ratio Lower Upper
178 100
176 18.9 15.0 22.6
179 15.2 12.2 18.4

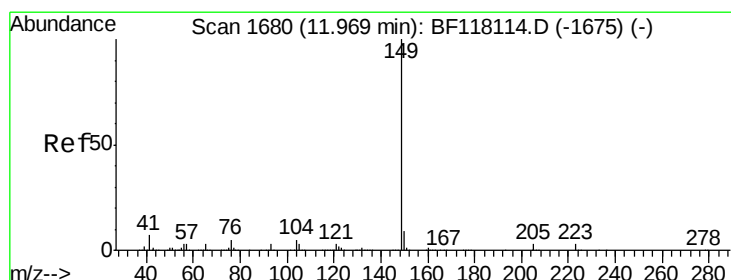
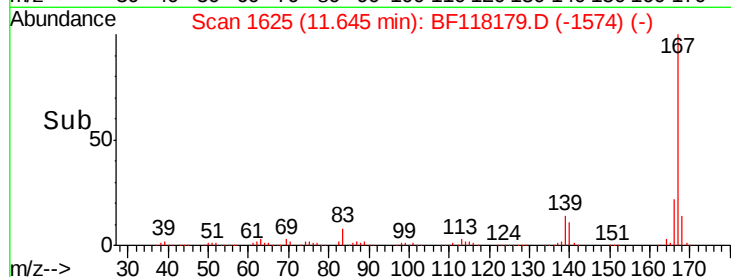
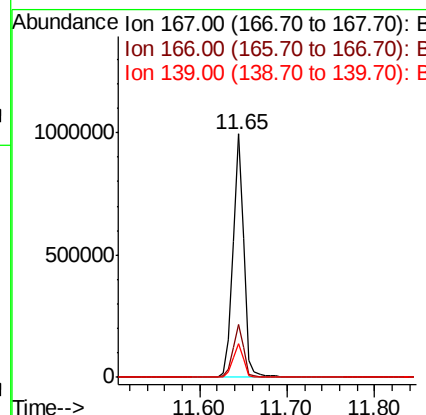
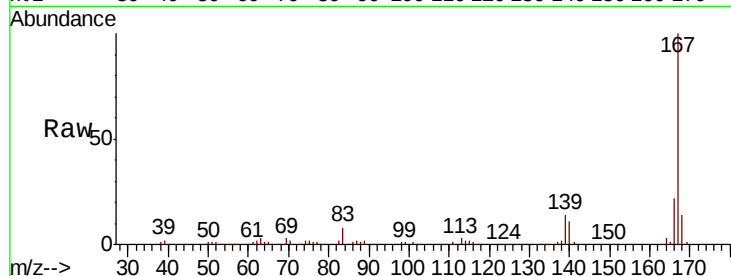




#73
 Carbazole
 Concen: 37.843 ng
 RT: 11.65 min Scan# 1625
 Delta R.T. -0.00 min
 Lab File: BF118179.D
 Acq: 13 Dec 2019 11:53

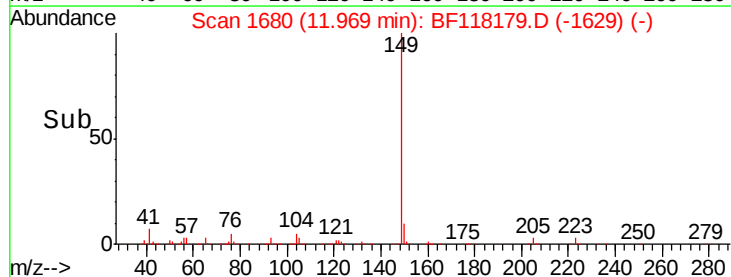
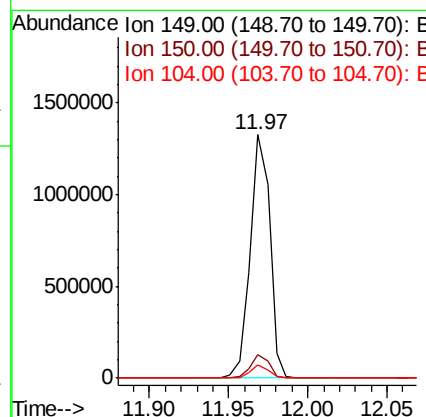
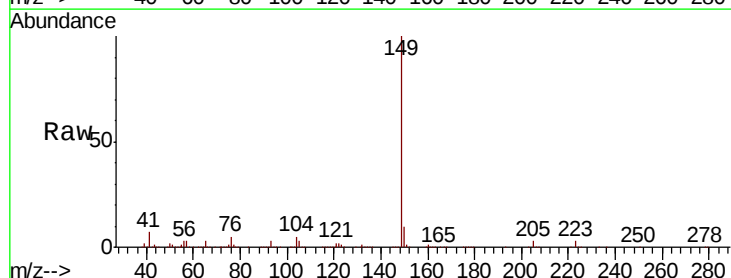
Instrument :
 BNA_F
 ClientSampleId :

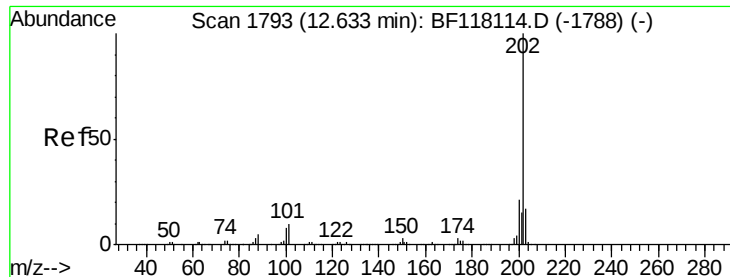
Tot Ion:167 Resp: 861622
 Ion Ratio Lower Upper
 167 100
 166 21.7 17.4 26.2
 139 13.7 11.4 17.0



#74
 Di-n-butylphthalate
 Concen: 39.928 ng
 RT: 11.97 min Scan# 1680
 Delta R.T. -0.00 min
 Lab File: BF118179.D
 Acq: 13 Dec 2019 11:53

Tgt Ion:149 Resp: 1137744
 Ion Ratio Lower Upper
 149 100
 150 9.6 7.4 11.2
 104 5.3 4.3 6.5





#75

Fluoranthene

Concen: 39.039 ng

RT: 12.63 min Scan# 1793

Delta R.T. -0.00 min

Lab File: BF118179.D

Acq: 13 Dec 2019 11:53

Instrument :

BNA_F

ClientSampleId :

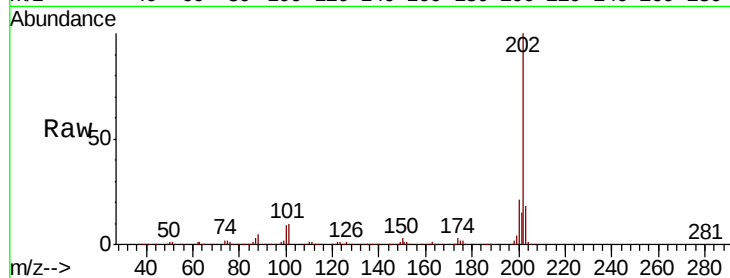
Tot Ion:202 Resp: 1015329

Ion Ratio Lower Upper

202 100

101 10.5 0.0 30.4

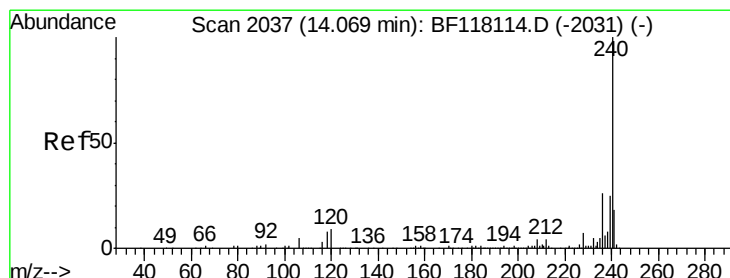
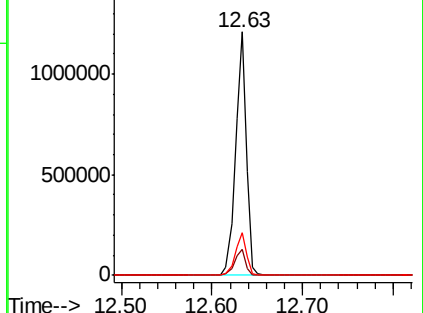
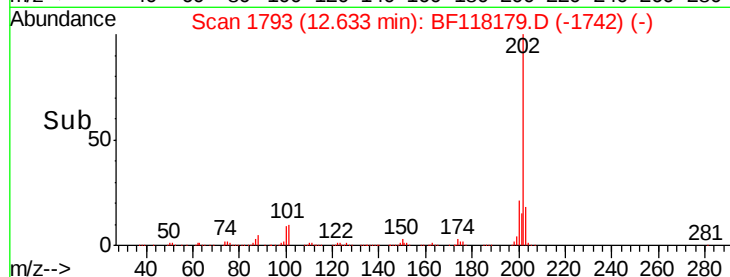
203 17.7 0.0 37.2



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.07 min Scan# 2037

Delta R.T. -0.00 min

Lab File: BF118179.D

Acq: 13 Dec 2019 11:53

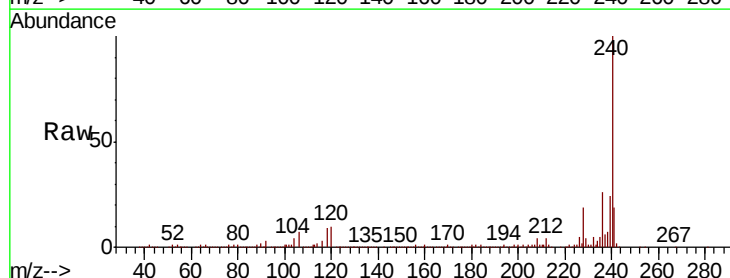
Tgt Ion:240 Resp: 339238

Ion Ratio Lower Upper

240 100

120 9.7 7.1 10.7

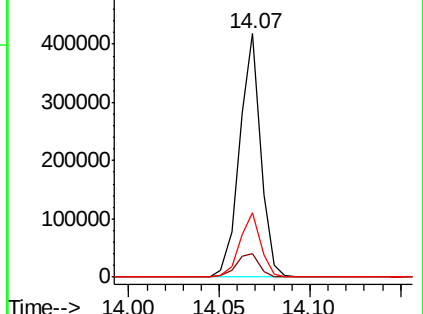
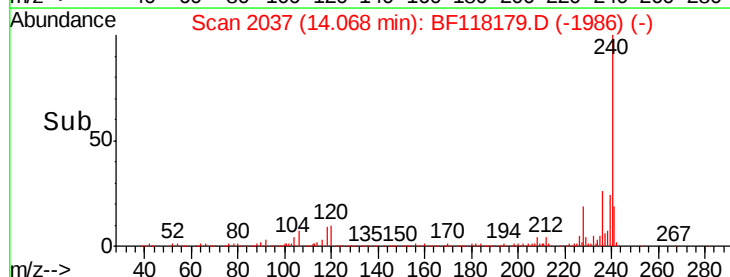
236 26.4 21.0 31.6

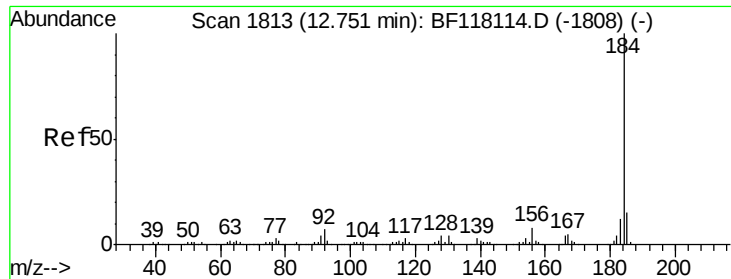


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 37.149 ng

RT: 12.75 min Scan# 1813

Delta R.T. -0.00 min

Lab File: BF118179.D

Acq: 13 Dec 2019 11:53

Instrument :

BNA_F

ClientSampleId :

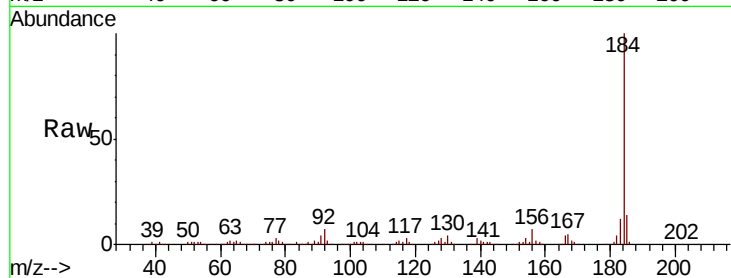
Tot Ion:184 Resp: 331758

Ion Ratio Lower Upper

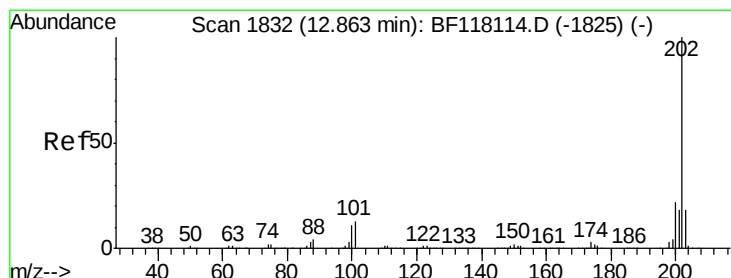
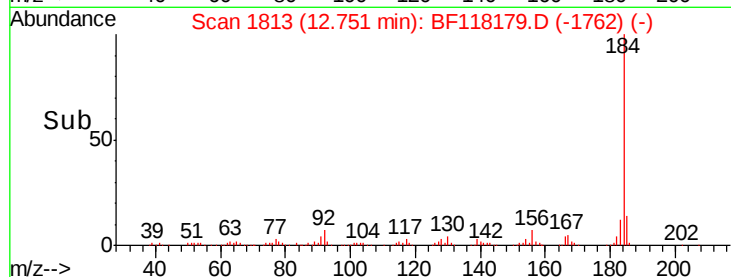
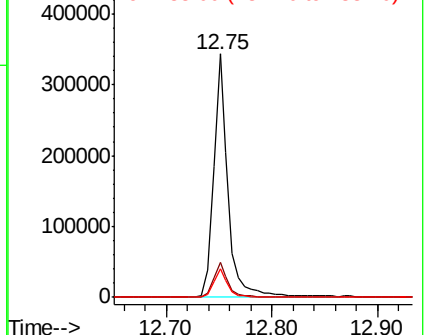
184 100

185 14.5 12.3 18.5

183 11.7 9.9 14.9



Abundance Ion 184.00 (183.70 to 184.70): E
Ion 185.00 (184.70 to 185.70): E
Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 38.487 ng

RT: 12.86 min Scan# 1832

Delta R.T. -0.00 min

Lab File: BF118179.D

Acq: 13 Dec 2019 11:53

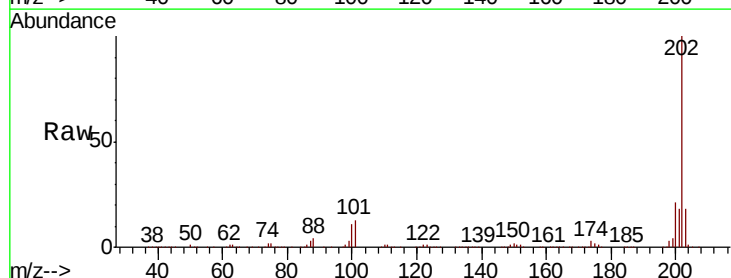
Tgt Ion:202 Resp: 1028893

Ion Ratio Lower Upper

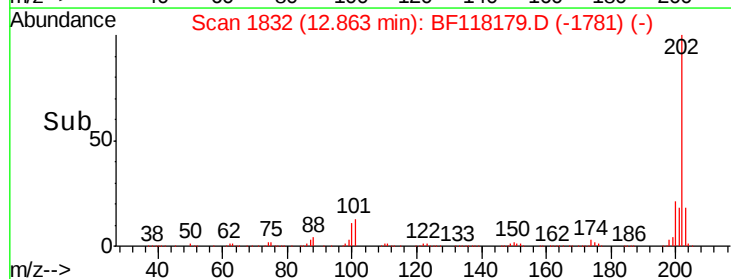
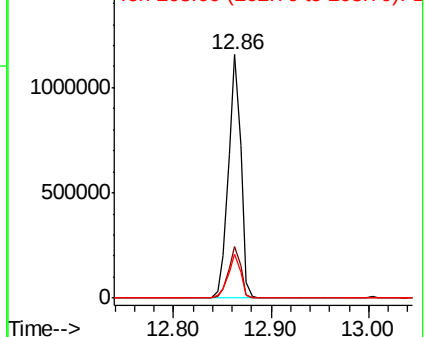
202 100

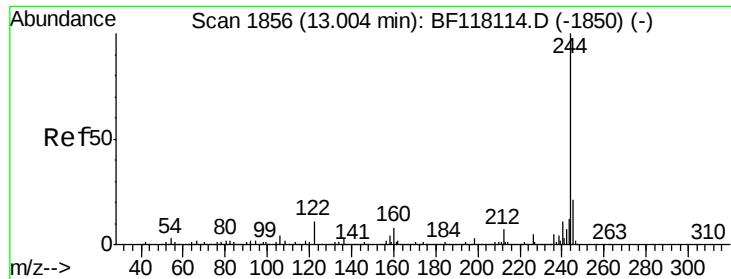
200 21.3 17.5 26.3

203 18.0 14.6 21.8



Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 74.161 ng

RT: 13.00 min Scan# 1856

Delta R.T. -0.00 min

Lab File: BF118179.D

Acq: 13 Dec 2019 11:53

Instrument :

BNA_F

ClientSampleId :

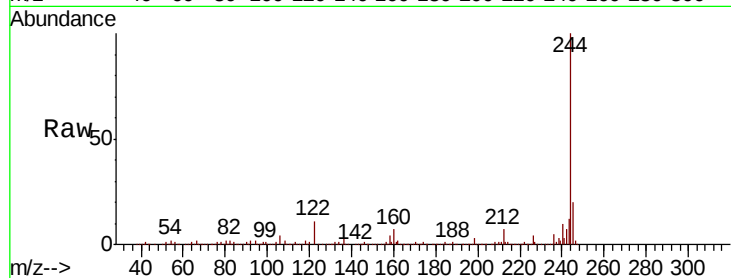
Tot Ion:244 Resp: 1463000

Ion Ratio Lower Upper

244 100

212 7.2 5.9 8.9

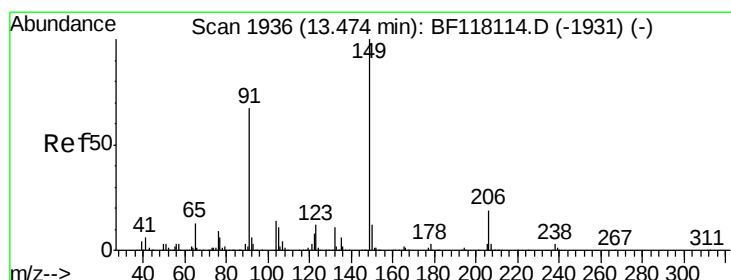
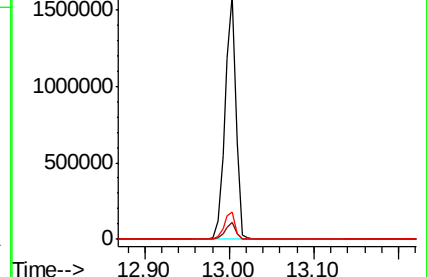
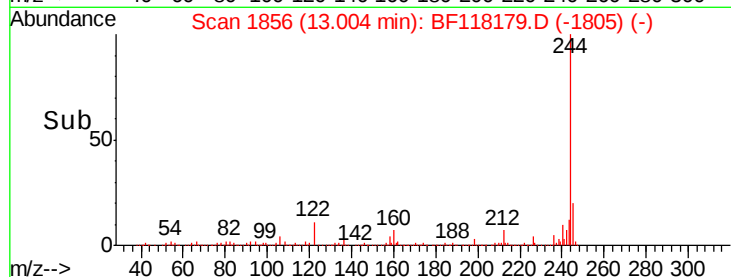
122 11.2 9.0 13.6



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 39.331 ng

RT: 13.47 min Scan# 1936

Delta R.T. -0.00 min

Lab File: BF118179.D

Acq: 13 Dec 2019 11:53

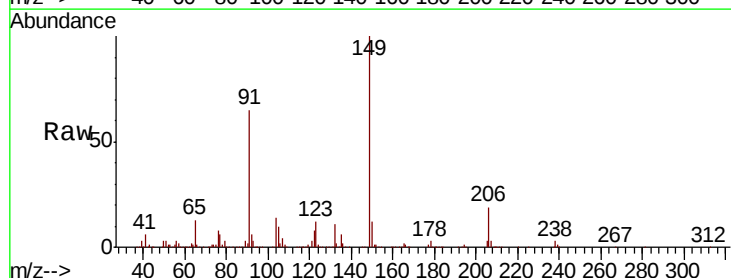
Tgt Ion:149 Resp: 476191

Ion Ratio Lower Upper

149 100

91 65.4 53.9 80.9

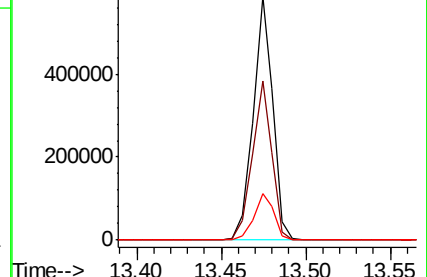
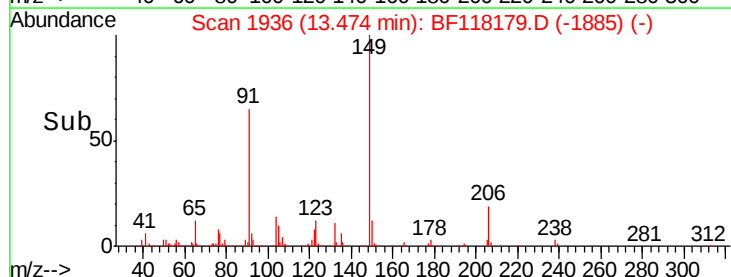
206 18.9 15.2 22.8

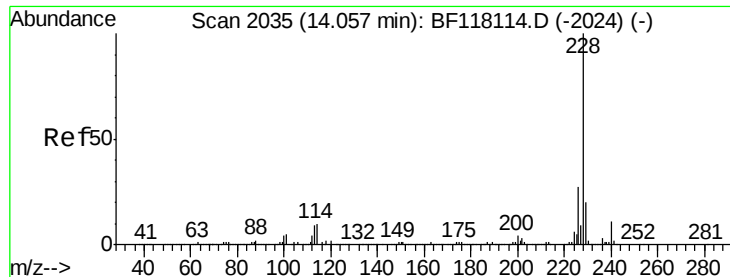


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 38.040 ng

RT: 14.06 min Scan# 2035

Delta R.T. -0.00 min

Lab File: BF118179.D

Acq: 13 Dec 2019 11:53

Instrument :

BNA_F

ClientSampled :

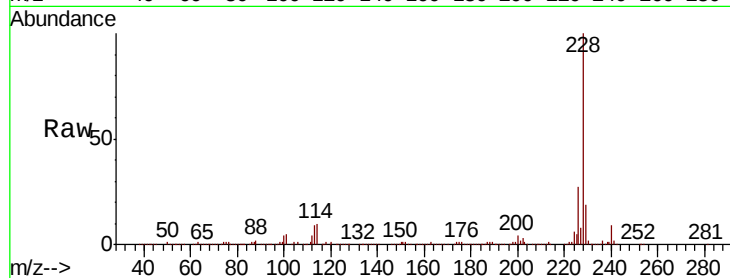
Tot Ion:228 Resp: 892323

Ion Ratio Lower Upper

228 100

226 26.7 21.8 32.8

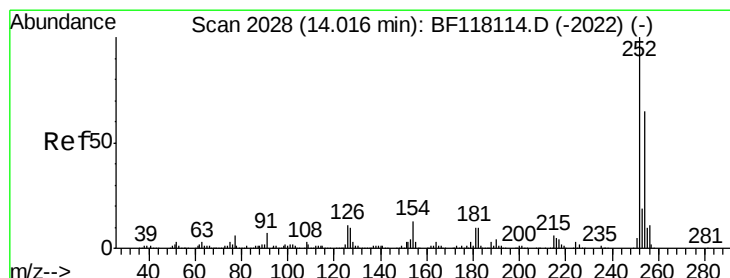
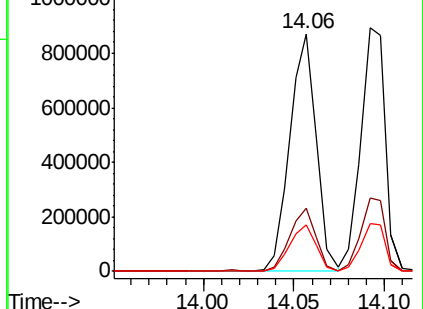
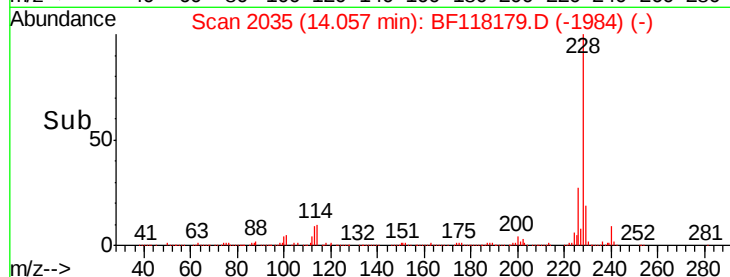
229 19.4 15.8 23.8



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 29.272 ng

RT: 14.02 min Scan# 2028

Delta R.T. -0.00 min

Lab File: BF118179.D

Acq: 13 Dec 2019 11:53

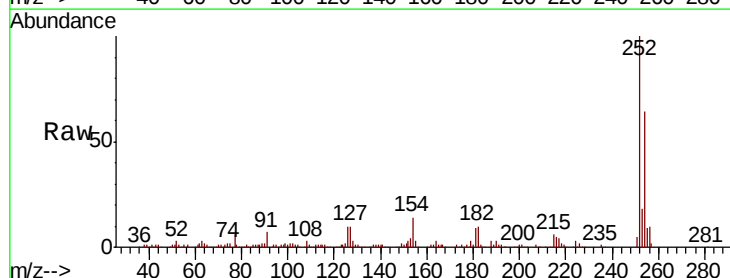
Tgt Ion:252 Resp: 225510

Ion Ratio Lower Upper

252 100

254 63.9 52.2 78.4

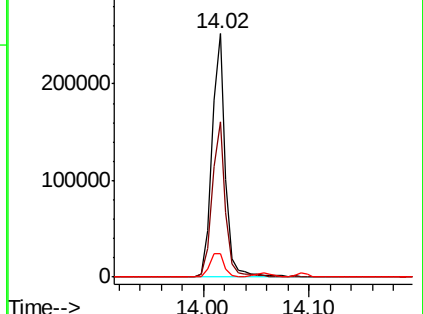
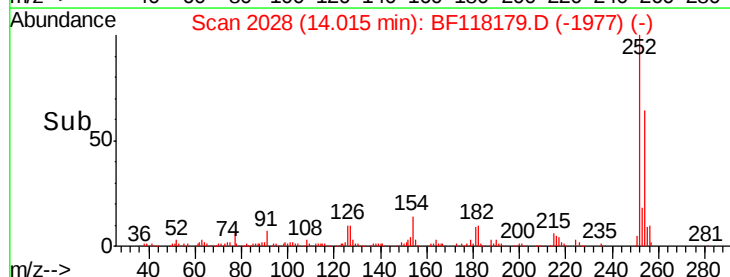
126 9.9 8.6 13.0

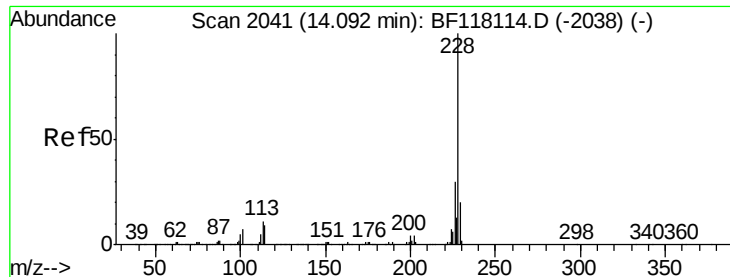


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 37.799 ng

RT: 14.09 min Scan# 2041

Delta R.T. -0.00 min

Lab File: BF118179.D

Acq: 13 Dec 2019 11:53

Instrument :

BNA_F

ClientSampled :

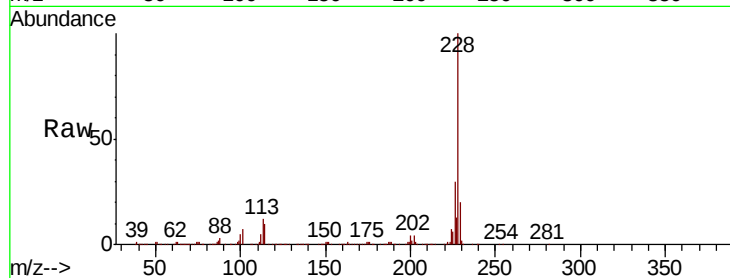
Tot Ion:228 Resp: 846956

Ion Ratio Lower Upper

228 100

226 30.1 23.8 35.8

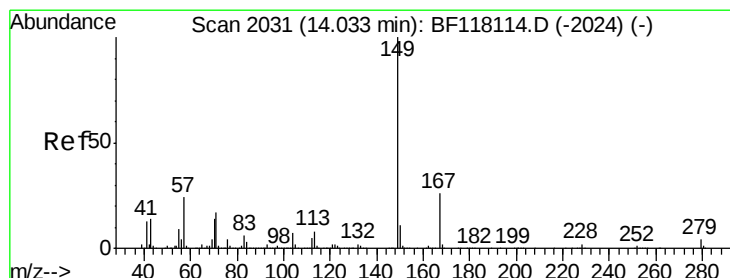
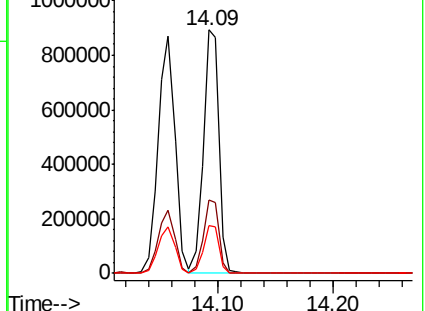
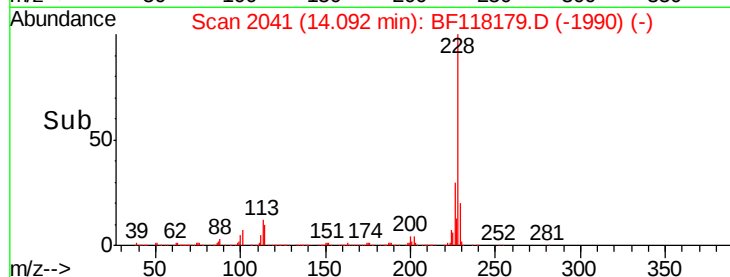
229 19.7 15.7 23.5



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 41.845 ng

RT: 14.03 min Scan# 2031

Delta R.T. -0.00 min

Lab File: BF118179.D

Acq: 13 Dec 2019 11:53

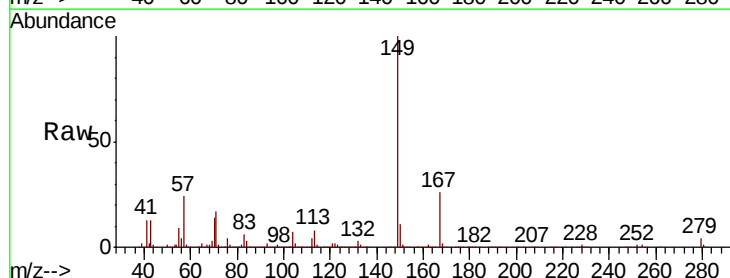
Tgt Ion:149 Resp: 668039

Ion Ratio Lower Upper

149 100

167 26.1 20.8 31.2

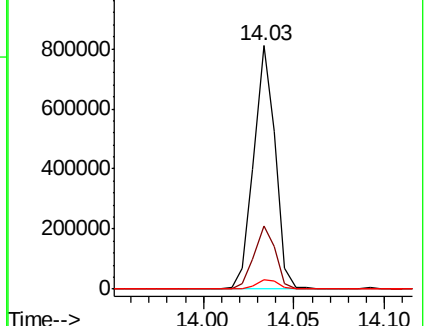
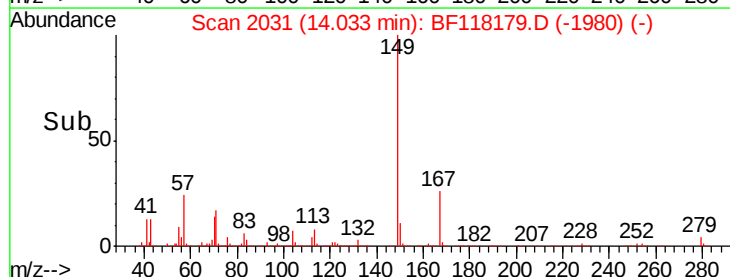
279 3.7 2.9 4.3

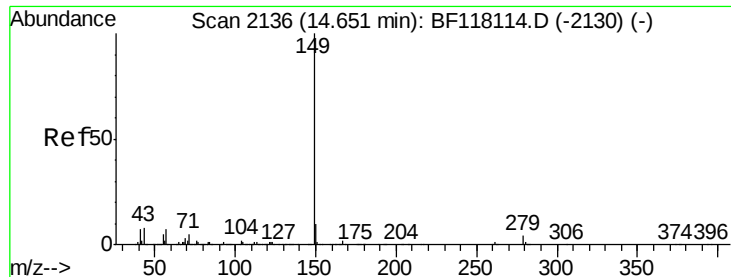


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 42.854 ng

RT: 14.65 min Scan# 2136

Delta R.T. -0.00 min

Lab File: BF118179.D

Acq: 13 Dec 2019 11:53

Instrument :

BNA_F

ClientSampleId :

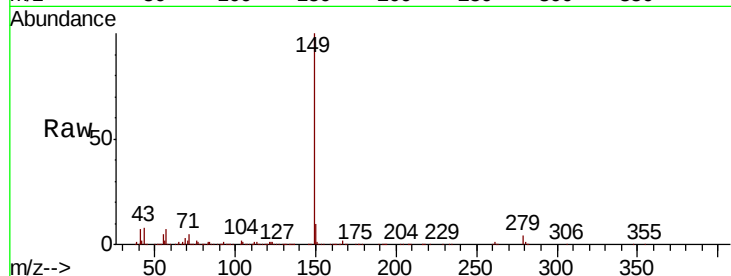
Tot Ion:149 Resp: 1036374

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

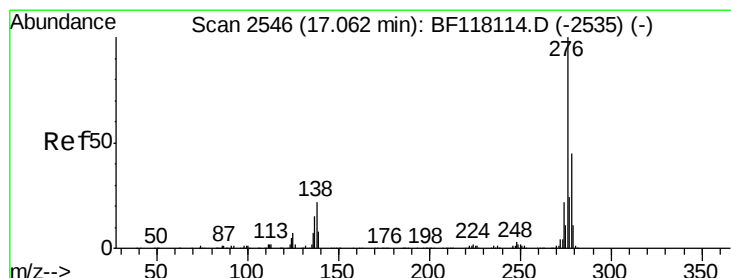
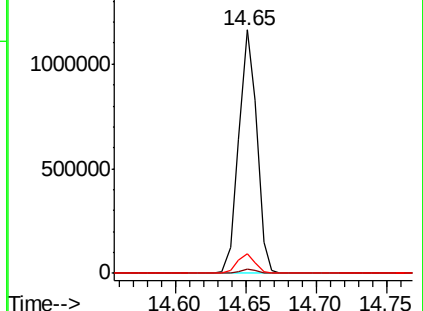
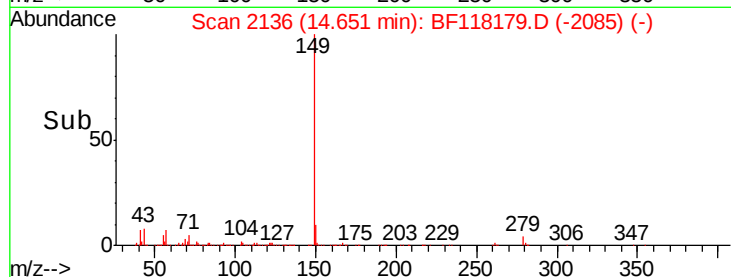
43 8.1 6.5 9.7



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF1



#86

Indeno(1,2,3-cd)pyrene

Concen: 34.313 ng

RT: 17.07 min Scan# 2548

Delta R.T. 0.01 min

Lab File: BF118179.D

Acq: 13 Dec 2019 11:53

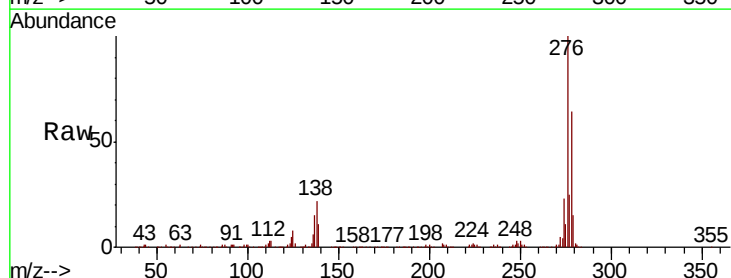
Tgt Ion:276 Resp: 646925

Ion Ratio Lower Upper

276 100

138 23.3 18.9 28.3

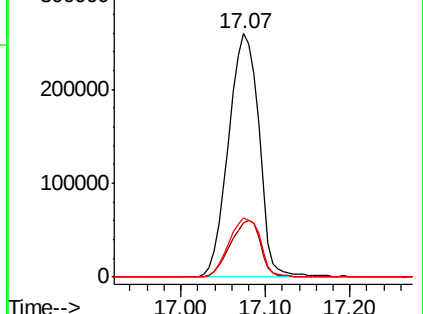
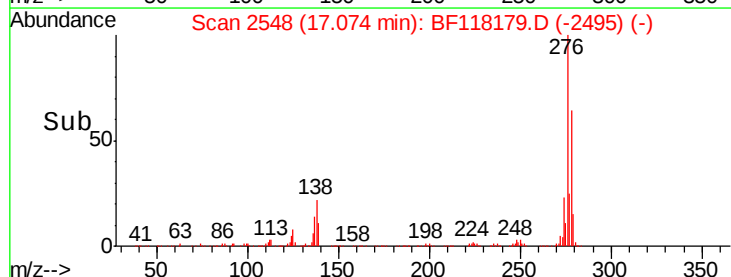
277 25.4 20.4 30.6

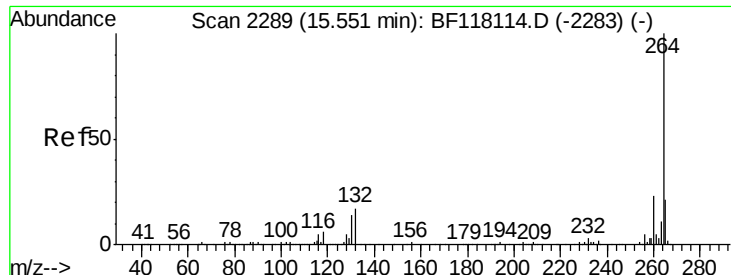


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





#87

Pervlene-d12

Concen: 20.000 ng

RT: 15.56 min Scan# 2290

Delta R.T. 0.01 min

Lab File: BF118179.D

Acq: 13 Dec 2019 11:53

Instrument :

BNA_F

ClientSampleId :

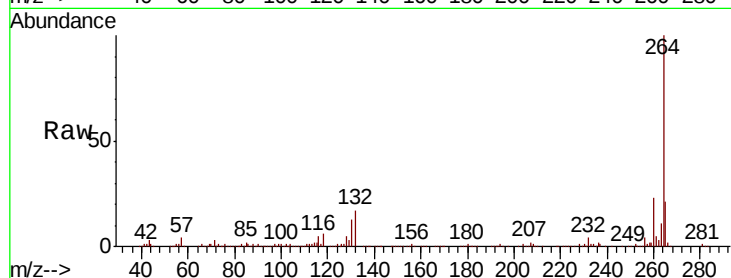
Tot Ion:264 Resp: 299873

Ion Ratio Lower Upper

264 100

260 23.0 18.6 28.0

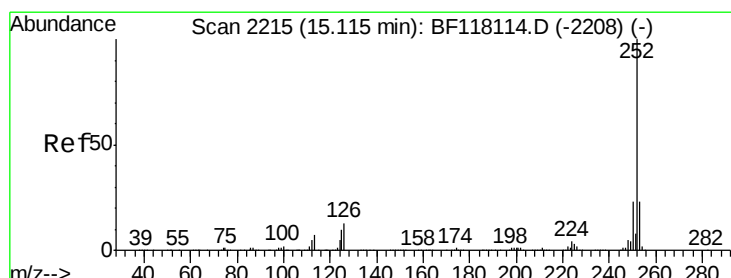
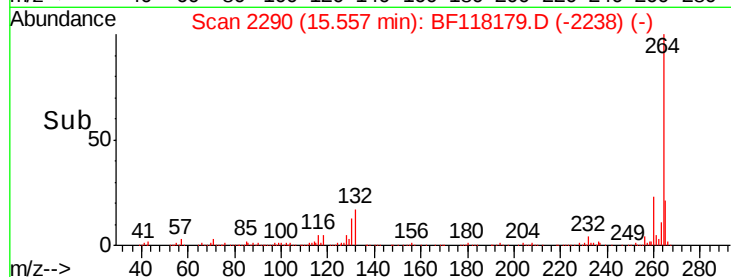
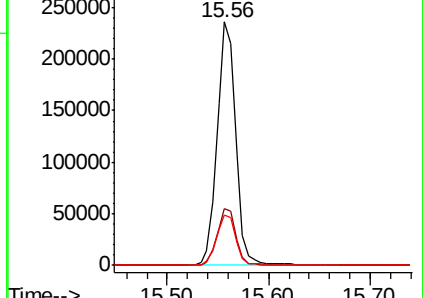
265 20.8 16.8 25.2



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#88

Benzo(b)fluoranthene

Concen: 37.002 ng

RT: 15.12 min Scan# 2216

Delta R.T. 0.01 min

Lab File: BF118179.D

Acq: 13 Dec 2019 11:53

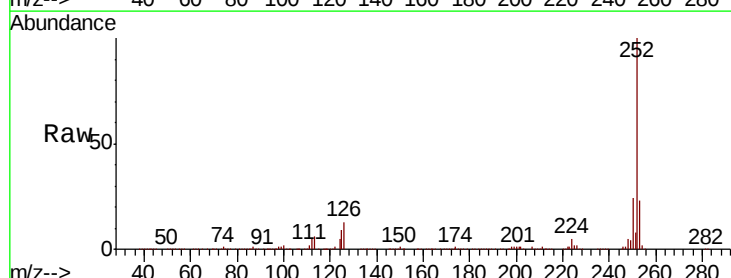
Tgt Ion:252 Resp: 733846

Ion Ratio Lower Upper

252 100

253 22.6 18.2 27.4

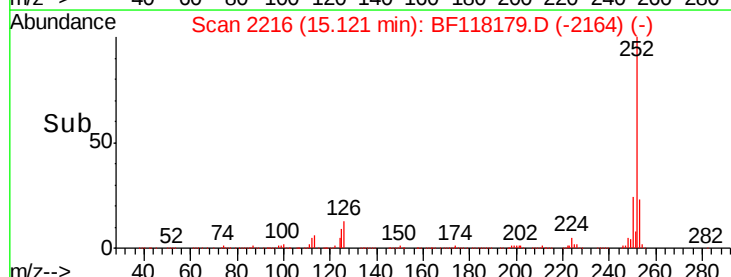
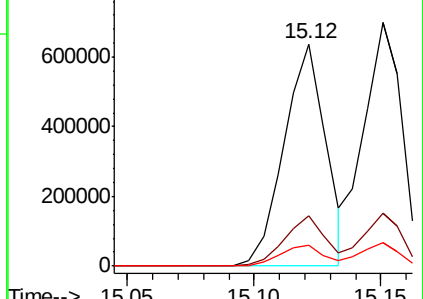
125 9.4 8.3 12.5

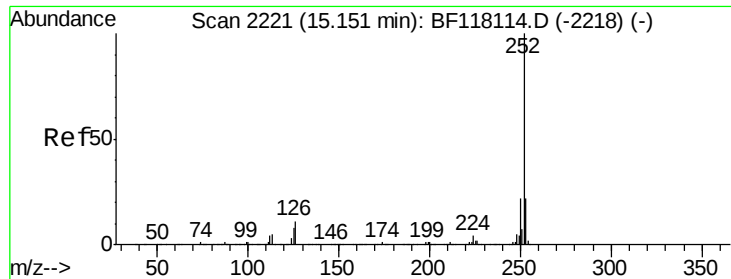


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

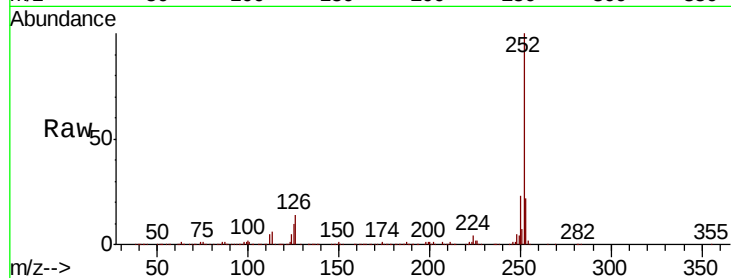




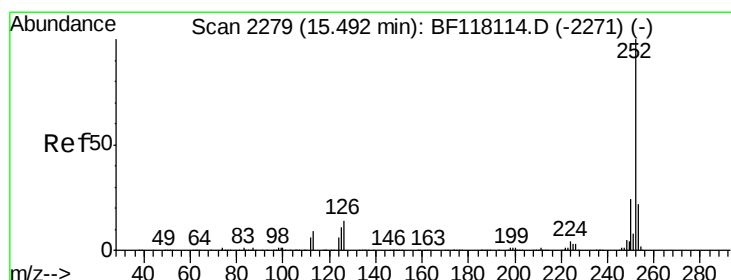
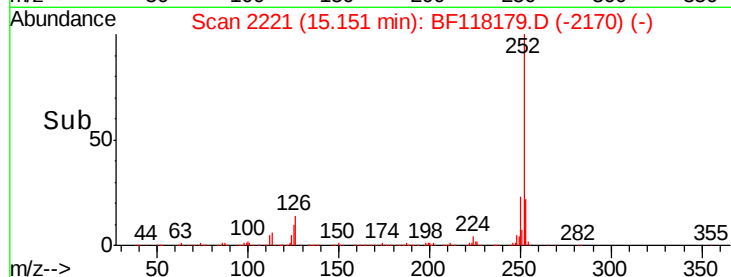
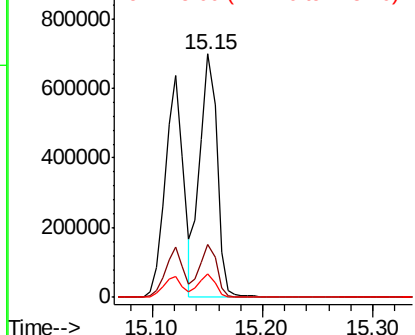
#89
Benzo(k)fluoranthene
Concen: 39.040 ng
RT: 15.15 min Scan# 2221
Delta R.T. -0.00 min
Lab File: BF118179.D
Acq: 13 Dec 2019 11:53

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.7	17.6	26.4
125	9.7	6.7	10.1

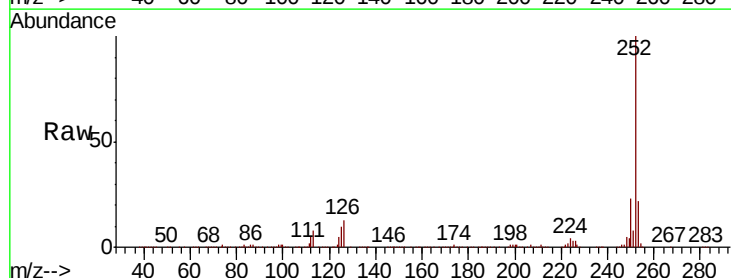


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

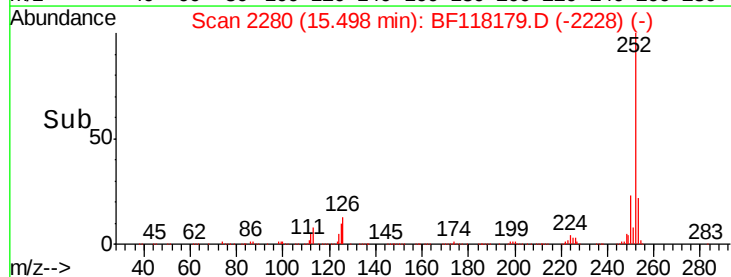
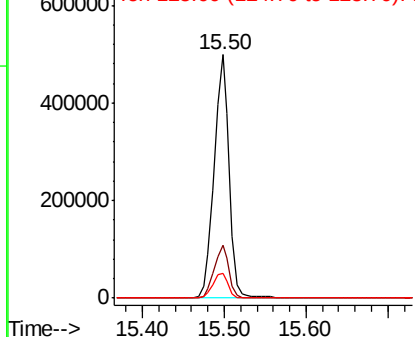


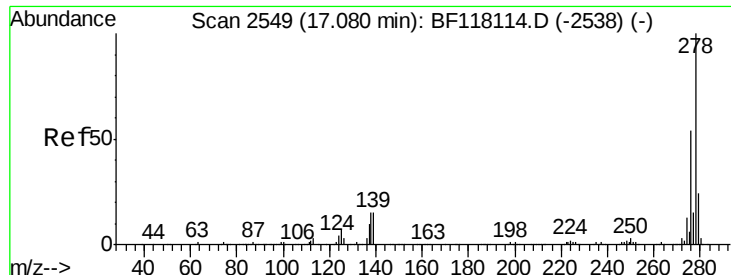
#90
Benzo(a)pyrene
Concen: 36.454 ng
RT: 15.50 min Scan# 2280
Delta R.T. 0.01 min
Lab File: BF118179.D
Acq: 13 Dec 2019 11:53

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.7	17.5	26.3
125	10.2	9.1	13.7



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

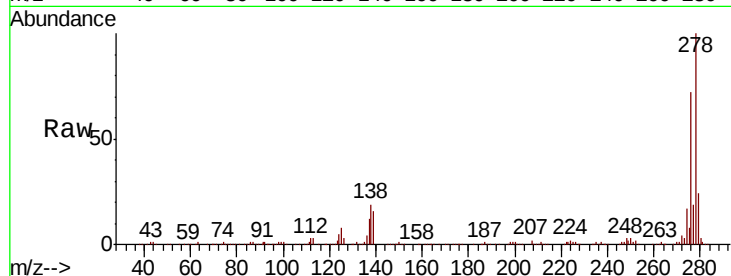




#91
Dibenzo(a,h)anthracene
Concen: 36.185 ng
RT: 17.09 min Scan# 2550
Delta R.T. 0.01 min
Lab File: BF118179.D
Acq: 13 Dec 2019 11:53

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
278	100		
139	15.7	11.7	17.5
279	24.4	19.0	28.4

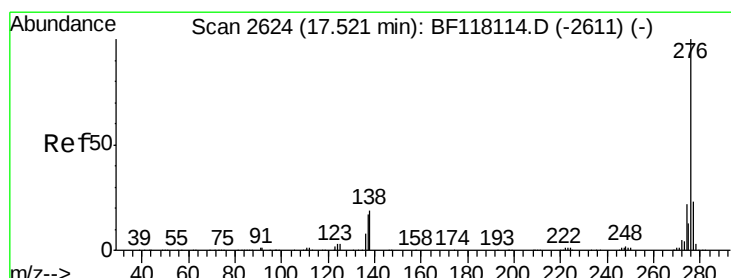
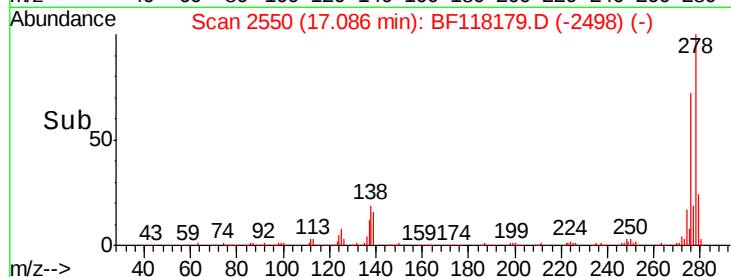
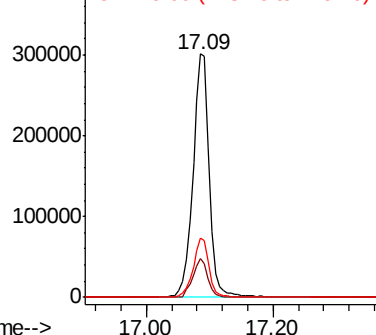


Abundance

Ion 278.00 (277.70 to 278.70): E

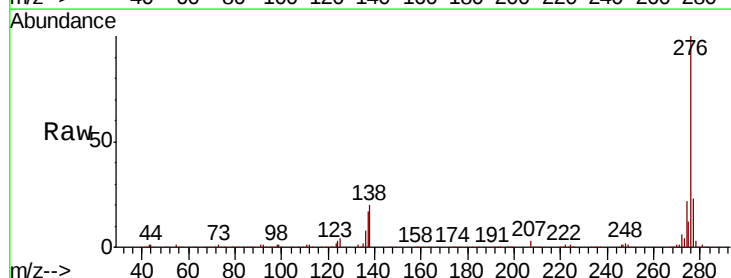
Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92
Benzo(g,h,i)perylene
Concen: 36.025 ng
RT: 17.53 min Scan# 2626
Delta R.T. 0.01 min
Lab File: BF118179.D
Acq: 13 Dec 2019 11:53

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.3	18.2	27.4
138	19.7	15.5	23.3



Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

